TCEQ Interoffice Memorandum

To: Office of the Chief Clerk
Texas Commission on Environmental Quality

Thru: Chris Kozlowski, Team Leader
Water Rights Permitting Team

From: Lillian E. Beerman, Ph.D., Project Manager
Water Rights Permitting Team

Date: September 30, 2022

Subject: Kiteboard Ranch, LLC
WRPERM 13828
CN605929736, RN111448155
Application No. 13828 for a Water Use Permit
Texas Water Code § 11.121, Requiring Mailed & Published Notice
Long Branch, Guadalupe River Basin
Guadalupe County

Partial fees were received on October 29, 2021 and the application was received on February 28, 2022. Additional information and fees were received on June 3, June 8 and September 1, 2022. The application was declared administratively complete and filed with the Office of the Chief Clerk on September 30, 2022. Published notice is required pursuant to Title 30 Texas Administrative Code (TAC) § 295.152(a) and mailed notice to water right holders of record in the Guadalupe River Basin and the Guadalupe County Groundwater Conservation District is required pursuant to Title 30 TAC § 295.153(b)(3).

All fees have been paid and the application is sufficient for filing.

Lillian E. Beerman, Ph.D.

_____

Lillian E. Beerman, Ph.D., Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

OCC Mailed Notice Required **√ YES** **□NO**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

September 30, 2022

Mr. Curt G. Campbell, P.E **VIA E-MAIL**
Vice President, Engineering and Natural Resources
Westward Environmental, Inc.
P.O. Box 2205
Boerne, TX 78006-3602

RE: Kiteboard Ranch, LLC
WRPERM 13828
CN605929736, RN111448155
Application No. 13828 for a Water Use Permit
Texas Water Code § 11.121, Requiring Mailed & Published Notice
Long Branch, Guadalupe River Basin
Guadalupe County

Dear Mr. Campbell:

This acknowledges receipt of additional information on September 1, 2022.

The application was declared administratively complete and filed with the Office of the Chief Clerk on September 30, 2022. Staff will continue processing the application for consideration by the Executive Director.

Please be advised that additional information may be requested during the technical review phase of the application process.

If you have any questions concerning the application, please contact me at lillian.beerman@tceq.texas.gov or by phone at (512) 239-4019.

Sincerely,

Lillian E. Beerman, Ph.D.

Lillian E. Beerman, Ph.D., Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

RE: WRPERM 13828 - Kiteboard Ranch, LLC

Jessica Garate [redacted]
Thu 9/29/2022 4:20 PM

To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

You're welcome, and I appreciate all of your help!

From: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Sent: Thursday, September 29, 2022 4:15 PM
To: Jessica Garate [redacted]
Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Subject: Re: WRPERM 13828 - Kiteboard Ranch, LLC

Thank you for your prompt response, Jessica. I forwarded your email to Warren Samuelson.

Lillian E. Beerman, Ph.D.

Water Rights Permitting Team

Water Availability Division

512-239-4019

lillian.beerman@tceq.texas.gov

From: Jessica Garate <[redacted]
Sent: Thursday, September 29, 2022 3:51 PM
To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Cc: Warren Samuelson <warren.samuelson@tceq.texas.gov>; Curt Campbell [redacted]
Subject: WRPERM 13828 - Kiteboard Ranch, LLC

Ms. Beerman,

Thank you for reaching out earlier today for the timeline to complete the dam modifications and get our application closer to being administrative complete. To answer your question, the projected timeframe for construction is from April 2023 through August 2024, dependent on the contractor's schedule. I hope this fully answers your question. Please let me know if I can be of further assistance.

25 YEARS
WESTWARD
Environmental & Engineering Excellence

Jessica Garate, GIT
Staff Geologist
Westward Environmental, Inc.
P.O. Box 2205 / Boerne, Texas 78006
830.249.8284 Phone
830.249.0221 Fax
[redacted]
www.westwardenv.com

Proj #11235-002

PHONE MEMO

Kiteboard Ranch, LLC, WRPERM Application No. 13828

From: Lillian E. Beerman	To: Jessica Garate
Date: September 29, 2022	Permit: 13828
Phone: 830.249.8284	Re: Kiteboard Ranch DS question

Spoke with Ms. Garate. Asked her question raised by Dam Safety: What is the timeframe to commence and complete modifications to the Broken Oak Dam?

Westward Environmental is not the consultant for the dam modification project. Ms. Garate said that she would reach out to the firm and get back with an answer.

Lillian E. Beerman, Ph.D. September 29, 2022

Response to Second RFI

Jessica Garate <[redacted]

Thu 9/1/2022 1:31 PM

To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

Cc: Curt Campbell [redacted];Chris Pepper <[redacted]

Ms. Beerman,
Attached here you will find Westward Environmental, Inc.'s (Westward) response to TCEQ's second Request for Information regarding the Water Rights Permit for Kiteboard Ranch, LLC. Westward will continue to serve as the technical contact for Kiteboard Ranch, LLC on this project. Please ensure Westward is copied on all correspondence, including the final approval. If you have any questions or require additional information, please contact our office at 830-249-8284. Thank you.
Respectfully Submitted,

Jessica Garate, GIT
Staff Geologist
Westward Environmental, Inc.
P.O. Box 2205 / Boerne, Texas 78006
830.249.8284 Phone
830.249.0221 Fax
[redacted]
www.westwardenv.com

Proj #

WESTWARD
Environmental. Engineering. Natural Resources.

September 1, 2022

Project No. 11235-002

Ms. Lillian E. Beerman, Ph.D.
Texas Commission on Environmental Quality
Water Rights Permitting Team
Water Availability Division
MC-160 P.O. Box 13087
Austin, TX 78711-3087
lillian.beerman@tceq.texas.gov

Subject: Response to the Second Request for Information (RFI)
Kiteboard Ranch, LLC – CN605929736, RN111448155
Application for a Water Use Permit - WRPERM 13828
Long Branch, Guadalupe River Basin

Dear Ms. Beerman,

Please accept the following response to the Second Request for Information (RFI) comments dated August 3, 2022 regarding the above-referenced application for a Water Use Permit on behalf of Kiteboard Ranch, LLC.

Comment 1: *Provide a revised Well Operation Plan that includes all wells to be utilized as alternate sources in support of the application. Resource Protection staff note that in the Applicant's response to information received June 8, 2022, the map provided lists well K-3, which corresponds to the groundwater conservation district permit and well production table provided in the original submitted application received February 28, 2022. However, in the Well Operation Plan found in Attachment C of the Applicant's response, as well as the water quality analysis table provided in the original application, well K-3 is excluded, and two additional wells, K-4 and K-5a, are listed.*

Response 1: **Please see the attached Revised Well Operation Plan which omits wells K-4 and K-5, as they will not be utilized to compensate for evaporative losses and therefore, need not be included in the Well Operation Plan. Well K-3 will be utilized and is included in the revised Well Operation Plan (Attachment A).**

Comment 2: *Provide a copy of the groundwater well permits or evidence that a groundwater permit is not required for the K-4 and K-5a wells from the Guadalupe County Groundwater Conservation District.*

Response 2: Wells K-4 and K-5a will not be utilized as neither well produced sufficient water. Therefore, neither of these wells were permitted and as such, are excluded from the Well Operation Plan.

Comment 3: If well K-3 will be used as an alternate source for the application, provide onsite water chemistry information for the groundwater to be discharged from the well, including, but not limited to, the following parameters in the table below. Additional parameters may be requested if there is a specific water quality concern associated with the aquifer from which water is withdrawn. Provide the depth of the well and the name of the aquifer and specific information from which the water is withdrawn.

Parameter	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Sulfate, mg/L	378	378	1	Grab sample	3/24/2021 12:20 PM
Chloride, mg/L	1930	1930	1	Grab sample	3/24/2021 12:20 PM
Total Dissolved Solids, mg/L	3530	3530	1	Grab sample	3/24/2021 12:20 PM
pH, standard units	6.74	6.74	1	Grab sample	3/24/2021 12:20 PM
Temperature*, degrees Celcius	22.8	22.8	1	Grab sample	3/24/2021 12:20 PM

* Temperature must be measured on site at the time the groundwater sample is collected.

Response 3: Please see the table above which includes water chemistry data for Well K-3. Additional water quality data from testing results is also included (Attachment B). The depth of well K-3 is 110 ft. and is drawing from the Carrizo-Wilcox Aquifer.

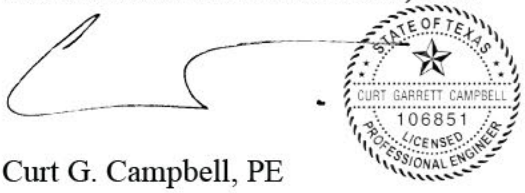
Comment 4: Provide a water quality analysis, or any other data or relevant information, which demonstrates that discharges of groundwater from the proposed wells into the reservoir shall be of sufficient quality to meet the requirements of the applicable water quality criteria of the Texas Surface Water Quality Standards (Title 30 Texas Administrative Code 307) for Long Branch, tributary of Mill Creek, tributary of the Guadalupe River (Segment no. 1804). Note, Resource Protection staff reviewed the water quality data previously submitted by the Applicant and identified a concern

for total dissolved solids and/or sulfate for wells K-4, K-5a, K-10a, K-13, K-14, K-18, and K-23.

Response 4: **It is anticipated that the TDS levels will be maintained below the secondary drinking water standards prior to discharge to the lake. Well water will be mixed with surface water in the lake prior to discharge. In addition, water quality sampling will be ongoing, and readings will be taken at both the well discharge outlet pipe and at the ultimate outfall when pumping required discharges. Wells will also be monitored regularly for TDS and the priority of use for each well will be based on the best water quality. There is no known TDS discharge limit in the TPDES program and due to the distance to segment 1804 (Guadalupe River) it is not anticipated that the TDS limits will adversely affect this segment. Additionally, Kiteboard may evaluate ion-exchange as a backup solution should TDS levels exceed those desired to maintain aquatic life in the on-site lake.**

WESTWARD will continue to serve as the technical contact for Kiteboard Ranch, LLC on this project. Please ensure that WESTWARD is copied on all correspondence, including the final approval. If you have any questions or require additional information, please contact our office at 830-249-8284.

Respectfully submitted,
WESTWARD ENVIRONMENTAL, INC.



Curt G. Campbell, PE
VP Engineering & Natural Resources
TX License No. 106851 | TX Firm No. 4524

Attachment A: Revised Well Operating Plan (revised 8/17/2022)
Attachment B: Water Quality Data Table

Distribution: Addressee
WEI 11235-002 File

Well Operating Plan

Kiteboard Ranch, LLC, is the owner of a recreational lake located in Guadalupe County, Texas. The lake currently is not permitted to use/store surface water, therefore, it plans to use seven (7) onsite groundwater wells to pump water from the Carrizo-Wilcox aquifer to maintain the lake level for recreation. A water accounting plan will be implemented to avoid impounding State Water.

The onsite wells will be controlled by either a float switch or pressure transducer which will be triggered to pump when the lake falls below 518 ft amsl, determined to be the desired minimum water surface elevation of the lake. To assist in monitoring the lake level, Kiteboard Ranch, LLC will incorporate a Well Operating Plan as follows:

1. The float switch/pressure transducer will signal the pumps to start when it falls below the predetermined level above.
2. The wells with the lowest amounts of TDS will be set to discharge first. The order may change depending on water quality data that is available. Based on the most recent (Jan. 2022) water quality data we have for these wells the order is as follows:
    - K-23
    - K-16
    - K-13
    - K-14
    - K-10a
    - K-18
    - K-3
3. The amount of water discharged will be metered and recorded on the Well Operating Plan log (see below).
4. The readings will be reported per the Guadalupe County Groundwater Conservation District (GCGCD) rules.

Water level readings will be recorded in the following format: (a separate sheet with this table will be kept on-site)

Well Reader's Name	Well ID	Date of Reading	Time of Reading	Water Level

All records must be kept on site and ready to give to TCEQ inspector upon request.

Quality Summary - Kiteboard

	K-3	***K-10a***	***K-13***	***K-14***	***K-16***	***K-18***	***K-23***
Parameter	DHL	DHL	DHL	DHL	DHL	DHL	DHL
Sample Date	3/24/2021	3/24/2021	3/25/2021	3/25/2021	3/24/2021	3/24/2021	3/25/2021
Temperature (C)	22.8	23.7	20.5	24.4	22.4	23.4	21.8
pH	6.74	7.71	7.22	6.76	6.75	6.88	6.3
Total Dissolved Solids (mg/L)	3530	1030	689	852	412	1640	344
Total Alkalinity (as CaCO3)	169	281	282	264	234	254	149
Bicarbonate (as CaCO3)	169	281	282	264	234	254	149
Carbonate (as CaCO3)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Hydroxide (as CaCO3)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Calcium	766	51.5	133	177	54.3	290	64.1
Chloride	1930	210	81.1	114	19.5	529	14.4
Magnesium	117	22.6	17.3	20.9	8.59	29	9.39
Potassium	6.21	6.62	4.24	4.11	2.35	5.92	3.48
Sodium	361	271	71.7	77.3	55.5	244	28.7
Dissolved Iron	1.01	0.218	0.797	5.4	0.266	0.107	0.147
Dissolved Manganese	0.276	0.0954	0.482	0.465	0.0694	0.0763	0.0766
Nitrate as Nitrogen	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.19	2.61
Sulfate	378	290	154	257	59.8	365	74.7

RE: Kiteboard_Ranch_13828_Second_Request_for_Information

Jessica Garate [redacted]
Thu 9/1/2022 10:19 AM

To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

Great, thank you so much!

From: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Sent: Thursday, September 1, 2022 10:18 AM
To: Jessica Garate <[redacted]
Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Subject: Re: Kiteboard_Ranch_13828_Second_Request_for_Information

Ms. Jessica Garate,
Yes, you can send it directly to me via e-mail.
I will be watching for it.
Thank you,

Lillian E. Beerman, Ph.D.

Water Rights Permitting Team

Water Availability Division

512-239-4019

lillian.beerman@tceq.texas.gov

From: Jessica Garate <[redacted]
Sent: Thursday, September 1, 2022 10:16 AM
To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Cc: Curt Campbell <[redacted]
Subject: RE: Kiteboard_Ranch_13828_Second_Request_for_Information

Ms. Beerman,

Thank you so much for the deadline reminder. The response is completed and under review. Shall we submit as we did previously and e-mail the response to you directly?

WESTWARD

Jessica Garate, GIT
Staff Geologist
Westward Environmental, Inc.
4 Shooting Club Road / PO Box 2205
Boerne, TX 78006

830.249.8284 Phone
830.249.0221 Fax
www.westwardenv.com

From: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Sent: Thursday, September 1, 2022 9:44 AM
To: Curt Campbell <[redacted]; Jessica Garate <[redacted]
Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Subject: Kiteboard_Ranch_13828_Second_Request_for_Information

Mr. Curt Campbell, P.E. and Ms. Jessica Garate,
A reminder that Kiteboard Ranch's response to TCEQ's Request for Information is due on Friday, September 2, 2022. Please let me know if you have any questions or concerns.
Thank You,

Lillian E. Beerman, Ph.D.

Water Rights Permitting Team

Water Availability Division

512-239-4019

lillian.beerman@tceq.texas.gov

From: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Sent: Wednesday, August 3, 2022 8:58 AM
To: [redacted]; Jessica Garate <[redacted]>
Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Subject: Kiteboard_Ranch_13828_Second_Request_for_Information

Mr. Curt Campbell, P.E. and Ms. Jessica Garate,

Please respond to the Second Request for Information for Kiteboard Ranch, LLC's Application No. 13828 for a temporary water use permit. The due date for your response is COB Friday, September 2, 2022. If you have any questions or concerns, do not hesitate to contact me.
Thank You,

Lillian E. Beerman, Ph.D.

Water Rights Permitting Team

Water Availability Division

512-239-4019

lillian.beerman@tceq.texas.gov

Kiteboard_Ranch_13828_Second_Request_for_Information

Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

Wed 8/3/2022 8:58 AM

To: [redacted]Jessica Garate <[redacted]>

Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

Mr. Curt Campbell, P.E. and Ms. Jessica Garate,

Please respond to the Second Request for Information for Kiteboard Ranch, LLC's Application No. 13828 for a temporary water use permit. The due date for your response is COB Friday, September 2, 2022. If you have any questions or concerns, do not hesitate to contact me.
Thank You,

Lillian E. Beerman, Ph.D.
Water Rights Permitting Team
Water Availability Division
512-239-4019
lillian.beerman@tceq.texas.gov

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 3, 2022

Mr. Curt Campbell, P.E **VIA E-MAIL**
Vice President, Engineering and Natural Resources
Westward Environmental, Inc.
P.O. Box 2205
Boerne, TX 78006-3602

RE: Kiteboard Ranch, LLC
WRPERM 13828
CN605929736, RN111448155
Application No. 13828 for a Water Use Permit
Texas Water Code § 11.121, Requiring Mailed & Published Notice
Long Branch, Guadalupe River Basin

Dear Mr. Campbell:

This acknowledges receipt, on June 3, and June 8, 2022, of additional information and fees in the amount of $203.54 (Receipt No. M217979, copy attached).

Additional information is required before the application can be declared administratively complete.

1. Provide a revised *Well Operation Plan* that includes all wells to be utilized as alternate sources in support of the application. Resource Protection staff note that in the Applicant's response to information received June 8, 2022, the map provided lists well K-3, which corresponds to the groundwater conservation district permit and well production table provided in the original submitted application received February 28, 2022. However, in the *Well Operation Plan*, found in Attachment C of the Applicant's response, as well as the water quality analysis table provided in the original application, well K-3 is excluded, and two additional wells, K-4 and K5a, are listed.

2. Provide a copy of the groundwater well permits or evidence that a groundwater well permit is not required for the K-4 and K5a wells from the Guadalupe County Groundwater Conservation District.

Please submit the requested information by September 2, 2022, or the application may be returned pursuant to Title 30 Texas Administrative Code § 281.18.

Additional information is required for technical review of the application:

3. If well K-3 will be used as an alternate source for the application, provide onsite water chemistry information for the groundwater to be discharged from the well, including, but not limited to, the following parameters in the table below. Additional parameters may be requested if there is a specific water quality concern associated with the aquifer from which water is withdrawn. Provide the depth of the well and the name of the aquifer and specific formation from which the water is withdrawn.

Parameter	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Sulfate, mg/L					
Chloride, mg/L					
Total Dissolved Solids, mg/L					
pH, standard units					
Temperature*, degrees Celsius					

*Temperature must be measured on site at the time the groundwater sample is collected.

4. Provide a water quality analysis, or any other data or relevant information, which demonstrates that discharges of groundwater from the proposed wells into the reservoir shall be of sufficient quality to meet the requirements of the applicable water quality criteria of the *Texas Surface Water Quality Standards* (Title 30 Texas Administrative Code 307) for Long Branch, tributary of Mill Creek, tributary of the Guadalupe River (Segment no. 1804). Note, Resource Protection staff reviewed the water quality data previously submitted by the Applicant and identified a concern for total dissolved solids and/or sulfates for wells K-4, K-5a, K-10a, K-13, K-14, K-18, and K-23.

If you have any questions concerning this matter, please contact me via email at lillian.beerman@tceq.texas.gov or by telephone at (512) 239-4019.

Sincerely,

Lillian E. Beerman, Ph.D.

Lillian E. Beerman, Ph.D., Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Attachment

TCEQ 08-JUN-22 04:03 PM

TCEQ - A/R RECEIPT REPORT BY ACCOUNT NUMBER

Fee Description	Fee Code / Account# / Account Name	Ref#1 / Ref#2 / Paid In By	Check Number / Card Auth. / User Data	CC Type / Tran Code / Rec Code	Slip Key / Document#	Tran Date	Tran Amount
WTR USE PERMITS	WUP	M217979	1099		BS00095339	08-JUN-22	-$203.54
	WUP	13828	060822	N	D2802830		
	WATER USE PERMITS	YACKTMAN, ELLYN	RHDAVIS	CK			
				Total (Fee Code):			-$203.54
				Grand Total:			-$3,263.54

L. Bellman

RECEIVED
JUN 10 2022
Water Availability Division

WESTWARD
Environmental. Engineering. Natural Resources.

June 3, 2022

Project No. 11235-002

Ms. Lillian E. Beerman, Ph.D.
Texas Commission on Environmental Quality
Water Rights Permitting Team
Water Availability Division
MC-160 P.O. Box 13087
Austin, TX 78711-3087
lillian.beerman@tceq.texas.gov

RECEIVED
JUN 08 2022
Water Availability Division

Subject: Response to Request for Information (RFI)
Kiteboard Ranch, LLC – CN605929736, RN111448155
Application for a Water Use Permit - WRPERM 13828
Long Branch, Guadalupe River Basin

Dear Ms. Beerman,

Please accept the following response to the Request for Information (RFI) comments dated April 7, 2022 regarding the above-referenced application for a Water Use Permit on behalf of Kiteboard Ranch, LLC.

Comment 1: *Confirm that a diversion authorization is not requested. Staff notes a diversion point was indicated on the map provided by the Applicant.*

Response 1: **Confirmed. The point that was shown as a diversion point on the Project Map is actually the discharge point referred to in Worksheet 4.1. Please see the attached Project Map which has been revised to indicate the centerline of the dam as the discharge point at which the water from the reservoir will be discharged to maintain downstream flow (Attachment A).**

Comment 2: *Confirm that the alternate source will be adequate to compensate for evaporative losses from the reservoir. Staff notes that the application indicates sufficient groundwater to account for evaporative losses of 50 acre-feet per year. However, Staff has calculated the maximum monthly and annual evaporative losses to be 83.13 and 476.45 acre-feet, respectively.*

Response 2: **A water accounting plan has been developed that is not dependent on evaporation rates. Since the lake will be filled with groundwater the evaporation would be groundwater and would not be impounded surface water that downstream water rights holders have expectation of receiving. We determined that for this impoundment we would need to establish a way to**

determine the amount of inflow from the drainage basin that enters the lake so that we could release a corresponding volume.

The accounting plan will calculate the amount of surface water runoff from the basin that enters the impoundment and exits through the spillway. The net difference of these 2 values is impounded surface water and will be released on a biweekly basis. The initial accounting model has been set up using the unit hydrograph method to estimate runoff from each rainfall event. A rain gauge will be installed onsite and daily readings will be recorded. These rainfall reading will be converted to runoff values form the watershed. The initial assumptions in the unit hydrograph calculation will be verified and fine-tuned using a depth to volume ratio of the lake (stage storage). The equation for relating runoff to runoff volume will be updated over time. A weir depth gauge will be installed on the pond overflow, it will be calibrated to record the volume of water released over time. A floating gauge will be installed to monitor lake levels. A discharge event will be performed biweekly from a pump with a floating intake in the lake.

Groundwater will be added to increase and maintain the water level in the lake for recreational purposes. In the event that evaporation of groundwater exceeds the available water for maintaining the lake level the lake levels will be allowed to drop until they can be restored using groundwater alone. All surface water will be passed through the impoundment. See attached Water Accounting Plan (Attachment B).

Comment 3: *Provide an operational plan that identifies how the groundwater from the Applicant's seven wells will support the application. In the plan, describe how use of each well will be determined for a given day/time.*

Response 3: **The onsite wells will be controlled by a float switch or pressure transducer which will be located in the lake and will trigger the wells to pump when the lake level falls below a predetermined elevation. The wells with the lowest amounts of TDS will be set to discharge first. The total amount of water discharged from the wells will be metered and reported per the Guadalupe County Groundwater Conservation District (GCGCD) rules. See attached Well Operating Plan (Attachment C).**

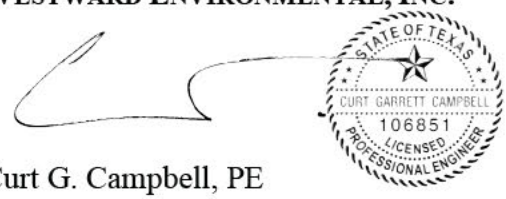
Comment 4: *Before the application can be considered administratively complete, remit fees in the amount of **$203.54**, as described below. Please make the check payable to the TCEQ or Texas Commission on Environmental Quality.*

Filing Fee	*(100 to 5,000 Acre-Feet)*	*$*	*250.00*
Recording Fee		*$*	*25.00*
Storage Fees	*($1.00 x 1,186 Acre-Feet)*	*$*	*1,186.00*
Mailed Notice	*(Guadalupe River Basin)*	*$*	*336.52*
TOTAL FEES		*$*	*1,797.52*
FEES RECEIVED		*$*	*1,593.98*
TOTAL FEES DUE		***$***	***203.54***

Response 4: Please find Check #1099 in the amount of $203.54 made payable to the TCEQ included here (Attachment D).

WESTWARD will continue to serve as the technical contact for Kiteboard Ranch, LLC on this project. Please ensure that WESTWARD is copied on all correspondence, including the final approval. If you have any questions or require additional information, please contact our office at 830-249-8284

Respectfully submitted,
WESTWARD ENVIRONMENTAL, INC.

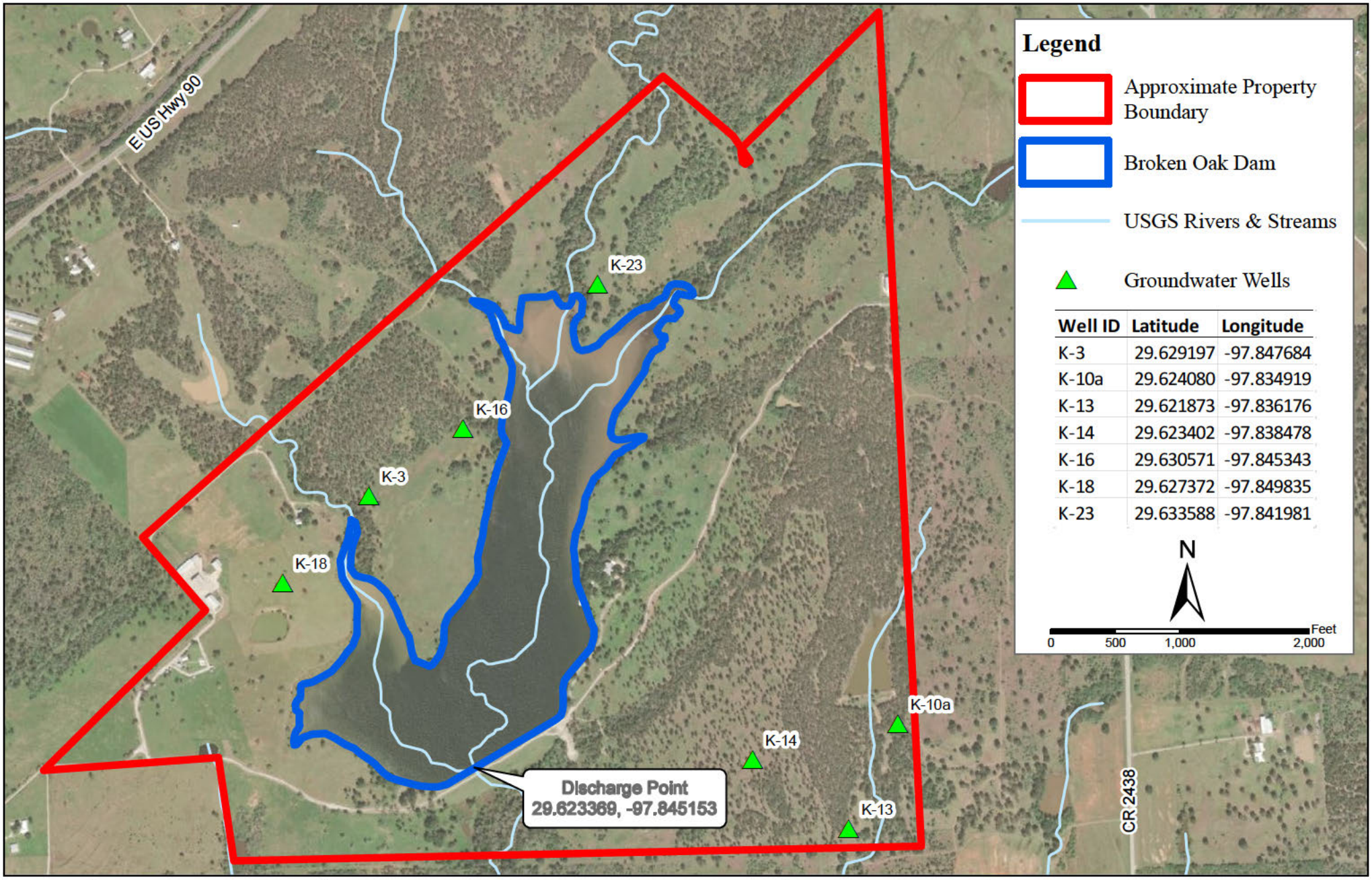


Curt G. Campbell, PE
VP Engineering & Natural Resources
TX License No. 106851 | TX Firm No. 4524

Attachment A: Project Map (revised 4/11/2022)
Attachment B: Water accounting Plan
Attachment C: Well Operating Plan
Attachment D: Check #1099

Distribution: Addressee
WEI 11235-002 File

Attachment A



Well ID	Latitude	Longitude
K-3	29.629197	-97.847684
K-10a	29.624080	-97.834919
K-13	29.621873	-97.836176
K-14	29.623402	-97.838478
K-16	29.630571	-97.845343
K-18	29.627372	-97.849835
K-23	29.633588	-97.841981

SHEET NO : 001 OF 001

IMAGE: ESRI WORLD IMAGERY	
ISSUE DATE:	04/11/2022
DRAWN BY:	JG
CHECKED BY:	CGC
SCALE: 1" =	1,000'
JOB NO :	11235-002

PROJECT MAP

BROKEN OAK DAM
KITEBOARD RANCH, LLC.
SEGUIN, GUADALUPE COUNTY, TEXAS

REV	DESCRIPTION	BY	DATE

FOR INTERIM REVIEW ONLY

THIS PRODUCT IS FOR INFORMATIONAL PURPOSES AND MAY NOT HAVE BEEN PREPARED FOR OR BE SUITABLE FOR LEGAL, ENGINEERING, OR SURVEYING PURPOSES. IT DOES NOT REPRESENT AN ON-THE-GROUND SURVEY AND REPRESENTS ONLY THE APPROXIMATE RELATIVE LOCATION OF PROPERTY BOUDARIES.

WESTWARD
Environmental. Engineering. Natural Resources.
PO Box 2205, Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG NO : F-4524
TBPG REG NO : 50112

Attachment B
(Spreadsheet Provided Electronically)

Attachment C

Well Operating Plan

Kiteboard Ranch, LLC, is the owner of a recreational lake located in Guadalupe County, Texas. The lake currently is not permitted to use/store surface water, therefore, it plans to use eight (8) onsite groundwater wells to pump water from the Carrizo-Wilcox aquifer to maintain the lake level for recreation. A water accounting plan will be implemented to avoid impounding State Water.

The onsite wells will be controlled by either a float switch or pressure transducer which will be triggered to pump when the lake falls below 518 ft amsl, determined to be the desired minimum water surface elevation of the lake. To assist in monitoring the lake level, Kiteboard Ranch, LLC will incorporate a Well Operating Plan as follows:

1. The float switch/pressure transducer will signal the pumps to start when it falls below the predetermined level above.
2. The wells with the lowest amounts of TDS will be set to discharge first. The order may change depending on water quality data that is available. Based on the most recent (Jan. 2022) water quality data we have for these wells the order is as follows:
    - K-23
    - K-16
    - K-13
    - K-14
    - K-10a
    - K-18
    - K-4
    - K-5a
3. The amount of water discharged will be metered and recorded on the Well Operating Plan log (see below).
4. The readings will be reported per the Guadalupe County Groundwater Conservation District (GCGCD) rules.

Water level readings will be recorded in the following format: (a separate sheet with this table will be kept on-site)

Well Reader's Name	Well ID	Date of Reading	Time of Reading	Water Level

All records must be kept on site and ready to give to TCEQ inspector upon request.

Attachment D

Kiteboard Ranch WRPERM 13828 Response to RFI

Jessica Garate <[redacted]>

Fri 6/3/2022 2:41 PM

To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

Cc: Curt Campbell <[redacted];Chris Pepper <[redacted]>

Ms. Beerman,

I have attached here the response to RFI for the Kiteboard Ranch Water Permit application referenced above. I am sending a hard copy via FedEx today which will include the check for fees due to the TCEQ. Thank you.

Jessica Garate, GIT
Staff Geologist
Westward Environmental, Inc.
P.O. Box 2205 / Boerne, Texas 78006
830.249.8284 Phone
830.249.0221 Fax
[redacted]
www.westwardenv.com

Proj #11235-002

WESTWARD
Environmental. Engineering. Natural Resources.

June 3, 2022

Project No. 11235-002

Ms. Lillian E. Beerman, Ph.D.
Texas Commission on Environmental Quality
Water Rights Permitting Team
Water Availability Division
MC-160 P.O. Box 13087
Austin, TX 78711-3087
lillian.beerman@tceq.texas.gov

Subject: Response to Request for Information (RFI)
Kiteboard Ranch, LLC – CN605929736, RN111448155
Application for a Water Use Permit - WRPERM 13828
Long Branch, Guadalupe River Basin

Dear Ms. Beerman,

Please accept the following response to the Request for Information (RFI) comments dated April 7, 2022 regarding the above-referenced application for a Water Use Permit on behalf of Kiteboard Ranch, LLC.

Comment 1: *Confirm that a diversion authorization is not requested. Staff notes a diversion point was indicated on the map provided by the Applicant.*

Response 1: **Confirmed. The point that was shown as a diversion point on the Project Map is actually the discharge point referred to in Worksheet 4.1. Please see the attached Project Map which has been revised to indicate the centerline of the dam as the discharge point at which the water from the reservoir will be discharged to maintain downstream flow (Attachment A).**

Comment 2: *Confirm that the alternate source will be adequate to compensate for evaporative losses from the reservoir. Staff notes that the application indicates sufficient groundwater to account for evaporative losses of 50 acre-feet per year. However, Staff has calculated the maximum monthly and annual evaporative losses to be 83.13 and 476.45 acre-feet, respectively.*

Response 2: **A water accounting plan has been developed that is not dependent on evaporation rates. Since the lake will be filled with groundwater the evaporation would be groundwater and would not be impounded surface water that downstream water rights holders have expectation of receiving. We determined that for this impoundment we would need to establish a way to**

determine the amount of inflow from the drainage basin that enters the lake so that we could release a corresponding volume.

The accounting plan will calculate the amount of surface water runoff from the basin that enters the impoundment and exits through the spillway. The net difference of these 2 values is impounded surface water and will be released on a biweekly basis. The initial accounting model has been set up using the unit hydrograph method to estimate runoff from each rainfall event. A rain gauge will be installed onsite and daily readings will be recorded. These rainfall reading will be converted to runoff values form the watershed. The initial assumptions in the unit hydrograph calculation will be verified and fine-tuned using a depth to volume ratio of the lake (stage storage). The equation for relating runoff to runoff volume will be updated over time. A weir depth gauge will be installed on the pond overflow, it will be calibrated to record the volume of water released over time. A floating gauge will be installed to monitor lake levels. A discharge event will be performed biweekly from a pump with a floating intake in the lake.

Groundwater will be added to increase and maintain the water level in the lake for recreational purposes. In the event that evaporation of groundwater exceeds the available water for maintaining the lake level the lake levels will be allowed to drop until they can be restored using groundwater alone. All surface water will be passed through the impoundment. See attached Water Accounting Plan (Attachment B).

Comment 3: *Provide an operational plan that identifies how the groundwater from the Applicant's seven wells will support the application. In the plan, describe how use of each well will be determined for a given day/time.*

Response 3: **The onsite wells will be controlled by a float switch or pressure transducer which will be located in the lake and will trigger the wells to pump when the lake level falls below a predetermined elevation. The wells with the lowest amounts of TDS will be set to discharge first. The total amount of water discharged from the wells will be metered and reported per the Guadalupe County Groundwater Conservation District (GCGCD) rules. See attached Well Operating Plan (Attachment C).**

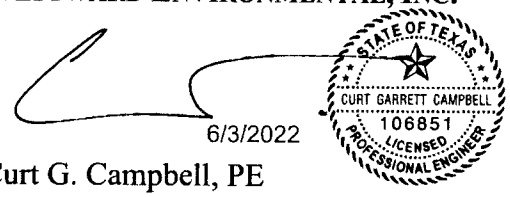
Comment 4: *Before the application can be considered administratively complete, remit fees in the amount of **$203.54**, as described below. Please make the check payable to the TCEQ or Texas Commission on Environmental Quality.*

Filing Fee	*(100 to 5,000 Acre-Feet)*	*$ 250.00*
Recording Fee		*$ 25.00*
Storage Fees	*($1.00 x 1,186 Acre-Feet)*	*$ 1,186.00*
Mailed Notice	*(Guadalupe River Basin)*	*$ 336.52*
TOTAL FEES		*$ 1,797.52*
FEES RECEIVED		*$ 1,593.98*
TOTAL FEES DUE		***$ 203.54***

Response 4: **Please find Check #1099 in the amount of $203.54 made payable to the TCEQ included here (Attachment D).**

WESTWARD will continue to serve as the technical contact for Kiteboard Ranch, LLC on this project. Please ensure that WESTWARD is copied on all correspondence, including the final approval. If you have any questions or require additional information, please contact our office at 830-249-8284

Respectfully submitted,
WESTWARD ENVIRONMENTAL, INC.



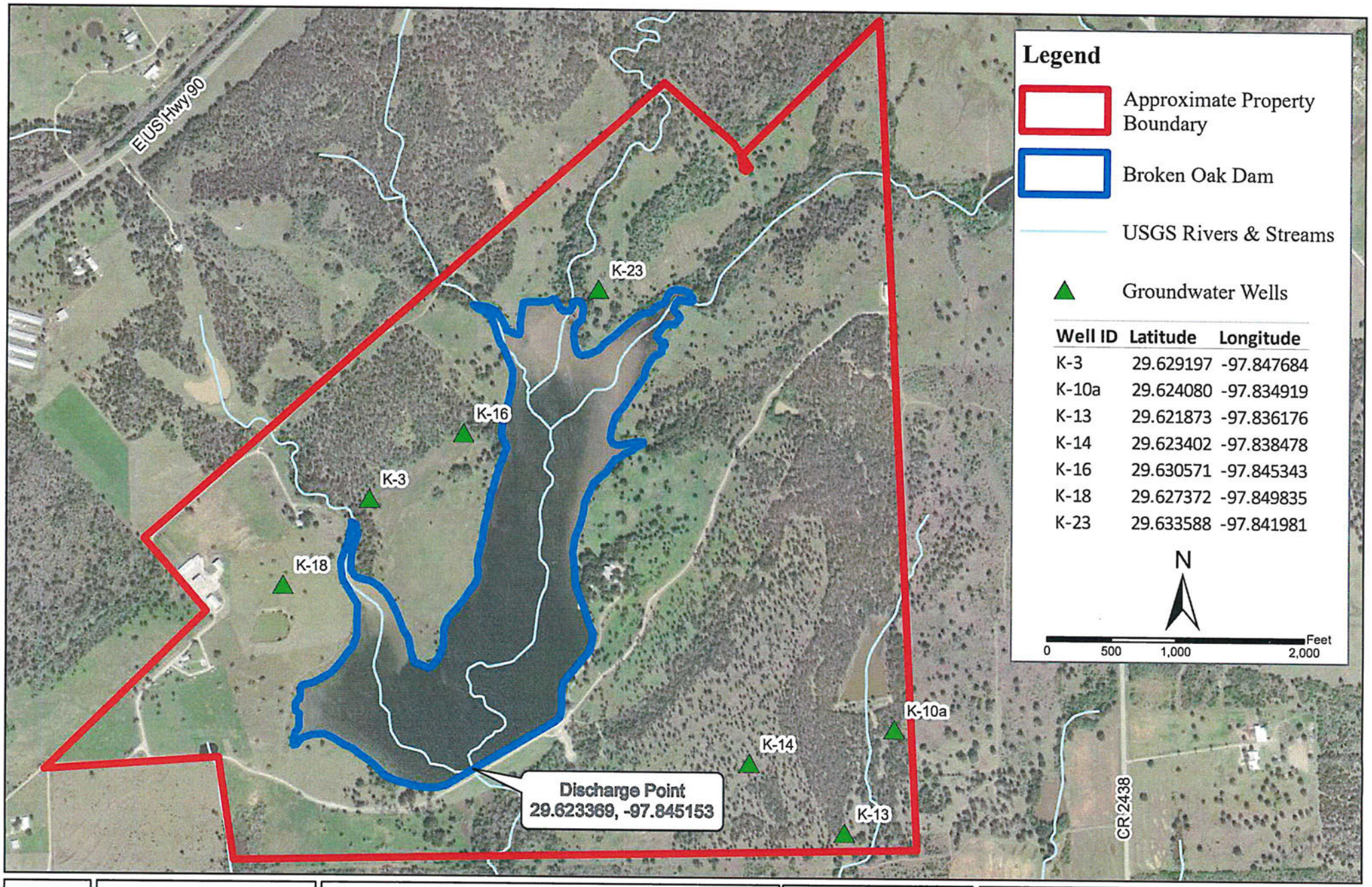
6/3/2022

Curt G. Campbell, PE
VP Engineering & Natural Resources
TX License No. 106851 | TX Firm No. 4524

Attachment A: Project Map (revised 4/11/2022)
Attachment B: Water accounting Plan
Attachment C: Well Operating Plan
Attachment D: Check #1099

Distribution: Addressee
WEI 11235-002 File

Attachment A



SHEET NO.: 001 OF 001

IMAGE: ESRI WORLD IMAGERY	
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PROJECT MAP

BROKEN OAK DAM
KITEBOARD RANCH, LLC.
SEGUIN, GUADALUPE COUNTY, TEXAS

REV.	DESCRIPTION	BY	DATE

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TBPG REG. NO.: 50112

Attachment B
(Spreadsheet Provided Electronically)

Broken Oak Dam
Water Accounting Record
Annual

Year	

Month	Groundwater Volume (ac-ft)	Retained Surface Water (ac-ft)	Released Surface Water (ac-ft)
January	0.00	0.00	0.00
February	0.00	0.00	0.00
March	0.00	0.00	0.00
April	0.00	0.00	0.00
May	0.00	0.00	0.00
June	0.00	0.00	0.00
July	0.00	0.00	0.00
August	0.00	0.00	0.00
September	0.00	0.00	0.00
October	0.00	0.00	0.00
November	0.00	0.00	0.00
December	0.00	0.00	0.00
Total	0.00	0.00	0.00

Broken Oak Dam
Water Account no Record
anuary

Inputs

Lake Surface Area (acres)	90 00	Water Sur ace Elevat on	520 00
		S te Drainge Area (ac)	163 00
Runoff Curve Number			72
S alit y			3.89

* his co umn w ll be comp ete during the rain gauge accuracy ver fication

Signed:
Date: _____

Day	Groundwater Volume Added (gal)	Ons te Precipitation (n)	o al Runoff (n)	otal Runoff (ac ft)	Lake E evation	Water Level Increase	Stage Storage Volume*	Discharge Over Out et W er (ac ft)	Re a ned Surface Water (ac f)	Requ red Release Vo ume (ac ft)	Volume Released	Comments
1		0	0	0					0			
2		0	0	0		0			0			
3		0	0	0		0			0			
		0	0	0		0			0			
5		0	0	0		0			0			
6		0	0	0		0			0			
7		0	0	0		0			0			
8		0	0	0		0			0			
9		0	0	0		0			0			
10		0	0	0		0			0			
11		0	0	0		0			0			
12		0	0	0		0			0			
13		0	0	0		0			0			
1		0	0	0		0			0			
15		0	0	0		0			0	0.00		
16		0	0	0		0			0			
17		0	0	0		0			0			
18		0	0	0		0			0			
19		0	0	0		0			0			
20		0	0	0		0			0			
21		0	0	0		0			0			
22		0	0	0		0			0			
23		0	0	0		0			0			
2		0	0	0		0			0			
25		0	0	0		0			0			
26		0	0	0		0			0			
27		0	0	0		0			0			
28		0	0	0		0			0			
29		0	0	0		0			0			
30		0	0	0		0			0			
31		0	0	0		0			0	0.00		

Summed Data	#REF!	#REF!	0	

Broken Oak Dam
Water Accounting Record
FEBRUARY

Inputs

Lake Surface Area (acres) 90.00 | Water Surface Elevation 520.00 | Runoff Curve Number 72
Site Drainge Area (ac) 1634.00 | Stativity 3.89

***This column will be complete during the rain gauge accuracy verification**

Day	Groundwater Volume Added (gal)	Onsite Precipitation (in)	Total Runoff (in)	Total Runoff (ac-ft)	Lake Elevation	Water Level Increase	Stage Storage Volume*	Discharge Over Outlet Wier (ac-ft)	Retained Surface Water (ac-ft)	Required Release Volume (ac-ft)	Volume Released	Comments
1		0	0	0					0			
2		0	0	0		0			0			
3		0	0	0		0			0			
4		0	0	0		0			0			
5		0	0	0		0			0			
6		0	0	0		0			0			
7		0	0	0		0			0			
8		0	0	0		0			0			
9		0	0	0		0			0			
10		0	0	0		0			0			
11		0	0	0		0			0			
12		0	0	0		0			0			
13		0	0	0		0			0			
14		0	0	0		0			0			
15		0	0	0		0			0	0.00		
16		0	0	0		0			0			
17		0	0	0		0			0			
18		0	0	0		0			0			
19		0	0	0		0			0			
20		0	0	0		0			0			
21		0	0	0		0			0			
22		0	0	0		0			0			
23		0	0	0		0			0			
24		0	0	0		0			0			
25		0	0	0		0			0			

Broken Oak Dam
Water Accounting Record
MARCH

Inputs

Lake Surface Area (acres) 90.00 | Water Surface Elevation 520.00 | Runoff Curve Number 72
Site Drainge Area (ac) 1634.00 | Stativity 3.89

***This column will be complete during the rain gauge accuracy verification**

Day	Groundwater Volume Added (gal)	Onsite Precipitation (in)	Total Runoff (in)	Total Runoff (ac-ft)	Lake Elevation	Water Level Increase	Stage Storage Volume*	Discharge Over Outlet Wier (ac-ft)	Retained Surface Water (ac-ft)	Required Release Volume (ac-ft)	Volume Released	Comments
1		0	0	0					0			
2		0	0	0		0			0			
3		0	0	0		0			0			
4		0	0	0		0			0			
5		0	0	0		0			0			
6		0	0	0		0			0			
7		0	0	0		0			0			
8		0	0	0		0			0			
9		0	0	0		0			0			
10		0	0	0		0			0			
11		0	0	0		0			0			
12		0	0	0		0			0			
13		0	0	0		0			0			
14		0	0	0		0			0			
15		0	0	0		0			0	0.00		
16		0	0	0		0			0			
17		0	0	0		0			0			
18		0	0	0		0			0			
19		0	0	0		0			0			
20		0	0	0		0			0			
21		0	0	0		0			0			
22		0	0	0		0			0			
23		0	0	0		0			0			
24		0	0	0		0			0			
25		0	0	0		0			0			
26		0	0	0		0			0			
27		0	0	0		0			0			
28		0	0	0		0			0			
29		0	0	0		0			0			
30		0	0	0		0			0			
31		0	0	0		0			0			
32		0	0	0		0			0			
33		0	0	0		0			0			
34		0	0	0		0			0			
35		0	0	0		0			0			
36		0	0	0		0			0			
37		0	0	0		0			0			
38		0	0	0		0			0			
39		0	0	0		0			0			
40		0	0	0		0			0	0.00		

	A	B	C	D	E	F	G	H	I	J	K	L	M
1						**Broken Oak Dam**							
2						**Water Accounting Record**							
3			**Inputs**			**APRIL**							
4													
5											***This column will be complete during the**		
6		Lake Surface Area (acres)	90.00	Water Surface Elevation	520.00	Runoff Curve Number			72		**rain gauge accuracy verification**		
7				Site Drainge Area (ac)	1634.00	Stativity			3.89				
8													
9	**Day**	**Groundwater Volume Added (gal)**	**Onsite Precipitation (in)**	**Total Runoff (in)**	**Total Runoff (ac-ft)**	**Lake Elevation**	**Water Level Increase**	**Stage Storage Volume***	**Discharge Over Outlet Wier (ac-ft)**	**Retained Surface Water (ac-ft)**	**Required Release Volume (ac-ft)**	**Volume Released**	**Comments**
10	1		0	0	0					0			
11	2		0	0	0		0			0			
12	3		0	0	0		0			0			
13	4		0	0	0		0			0			
14	5		0	0	0		0			0			
15	6		0	0	0		0			0			
16	7		0	0	0		0			0			
17	8		0	0	0		0			0			
18	9		0	0	0		0			0			
19	10		0	0	0		0			0			
20	11		0	0	0		0			0			
21	12		0	0	0		0			0			
22	13		0	0	0		0			0			
23	14		0	0	0		0			0			
24	15		0	0	0		0			0	0.00		
25	16		0	0	0		0			0			
26	17		0	0	0		0			0			
27	18		0	0	0		0			0			
28	19		0	0	0		0			0			
29	20		0	0	0		0			0			
30	21		0	0	0		0			0			
31	22		0	0	0		0			0			
32	23		0	0	0		0			0			
33	24		0	0	0		0			0			
34	25		0	0	0		0			0			
35	26		0	0	0		0			0			
36	27		0	0	0		0			0			
37	28		0	0	0		0			0			
38	29		0	0	0		0			0			
39	30		0	0	0		0			0			
40	31		0	0	0		0			0	0.00		

Broken Oak Dam
Water Accounting Record
MAY

Inputs

Lake Surface Area (acres) 90.00 | Water Surface Elevation 520.00 | Runoff Curve Number 72
Site Drainge Area (ac) 1634.00 | Stativity 3.89

***This column will be complete during the rain gauge accuracy verification**

Day	Groundwater Volume Added (gal)	Onsite Precipitation (in)	Total Runoff (in)	Total Runoff (ac-ft)	Lake Elevation	Water Level Increase	Stage Storage Volume*	Discharge Over Outlet Wier (ac-ft)	Retained Surface Water (ac-ft)	Required Release Volume (ac-ft)	Volume Released	Comments
1		0	0	0					0			
2		0	0	0		0			0			
3		0	0	0		0			0			
4		0	0	0		0			0			
5		0	0	0		0			0			
6		0	0	0		0			0			
7		0	0	0		0			0			
8		0	0	0		0			0			
9		0	0	0		0			0			
10		0	0	0		0			0			
11		0	0	0		0			0			
12		0	0	0		0			0			
13		0	0	0		0			0			
14		0	0	0		0			0			
15		0	0	0		0			0	0.00		
16		0	0	0		0			0			
17		0	0	0		0			0			
18		0	0	0		0			0			
19		0	0	0		0			0			
20		0	0	0		0			0			
21		0	0	0		0			0			
22		0	0	0		0			0			
23		0	0	0		0			0			
24		0	0	0		0			0			
25		0	0	0		0			0			
26		0	0	0		0			0			
27		0	0	0		0			0			
28		0	0	0		0			0			
29		0	0	0		0			0			
30		0	0	0		0			0			
31		0	0	0		0			0	0.00		

	A	B	C	D	E	F	G	H	I	J	K	L	M
1						**Broken Oak Dam**							
2						**Water Accounting Record**							
3			**Inputs**			**JUNE**							
4													
5											***This column will be complete during the**		
6		Lake Surface Area (acres)	90.00	Water Surface Elevation	520.00	Runoff Curve Number			72		**rain gauge accuracy verification**		
7				Site Drainge Area (ac)	1634.00	Stativity			3.89				
8													
9	**Day**	**Groundwater Volume Added (gal)**	**Onsite Precipitation (in)**	**Total Runoff (in)**	**Total Runoff (ac-ft)**	**Lake Elevation**	**Water Level Increase**	**Stage Storage Volume***	**Discharge Over Outlet Wier (ac-ft)**	**Retained Surface Water (ac-ft)**	**Required Release Volume (ac-ft)**	**Volume Released**	**Comments**
10	1		0	0	0					0			
11	2		0	0	0		0			0			
12	3		0	0	0		0			0			
13	4		0	0	0		0			0			
14	5		0	0	0		0			0			
15	6		0	0	0		0			0			
16	7		0	0	0		0			0			
17	8		0	0	0		0			0			
18	9		0	0	0		0			0			
19	10		0	0	0		0			0			
20	11		0	0	0		0			0			
21	12		0	0	0		0			0			
22	13		0	0	0		0			0			
23	14		0	0	0		0			0			
24	15		0	0	0		0			0	0.00		
25	16		0	0	0		0			0			
26	17		0	0	0		0			0			
27	18		0	0	0		0			0			
28	19		0	0	0		0			0			
29	20		0	0	0		0			0			
30	21		0	0	0		0			0			
31	22		0	0	0		0			0			
32	23		0	0	0		0			0			
33	24		0	0	0		0			0			
34	25		0	0	0		0			0			
35	26		0	0	0		0			0			
36	27		0	0	0		0			0			
37	28		0	0	0		0			0			
38	29		0	0	0		0			0			
39	30		0	0	0		0			0			
40	31		0	0	0		0			0	0.00		

Broken Oak Dam
Water Accounting Record
JULY

Inputs

Lake Surface Area (acres) 90.00 | Water Surface Elevation 520.00 | Runoff Curve Number 72
Site Drainge Area (ac) 1634.00 | Stativity 3.89

***This column will be complete during the rain gauge accuracy verification**

Day	Groundwater Volume Added (gal)	Onsite Precipitation (in)	Total Runoff (in)	Total Runoff (ac-ft)	Lake Elevation	Water Level Increase	Stage Storage Volume*	Discharge Over Outlet Wier (ac-ft)	Retained Surface Water (ac-ft)	Required Release Volume (ac-ft)	Volume Released	Comments
1		0	0	0					0			
2		0	0	0		0			0			
3		0	0	0		0			0			
4		0	0	0		0			0			
5		0	0	0		0			0			
6		0	0	0		0			0			
7		0	0	0		0			0			
8		0	0	0		0			0			
9		0	0	0		0			0			
10		0	0	0		0			0			
11		0	0	0		0			0			
12		0	0	0		0			0			
13		0	0	0		0			0			
14		0	0	0		0			0			
15		0	0	0		0			0	0.00		
16		0	0	0		0			0			
17		0	0	0		0			0			
18		0	0	0		0			0			
19		0	0	0		0			0			
20		0	0	0		0			0			
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35		0	0	0		0			0			
36		0	0	0		0			0			
37		0	0	0		0			0			
38		0	0	0		0			0			
39		0	0	0		0			0			
40		0	0	0		0			0	0.00		

Broken Oak Dam
Water Accounting Record
AUGUST

Inputs

Lake Surface Area (acres) 90.00 | Water Surface Elevation 520.00 | Runoff Curve Number 72
Site Drainge Area (ac) 1634.00 | Stativity 3.89

***This column will be complete during the rain gauge accuracy verification**

Day	Groundwater Volume Added (gal)	Onsite Precipitation (in)	Total Runoff (in)	Total Runoff (ac-ft)	Lake Elevation	Water Level Increase	Stage Storage Volume*	Discharge Over Outlet Wier (ac-ft)	Retained Surface Water (ac-ft)	Required Release Volume (ac-ft)	Volume Released	Comments
1		0	0	0					0			
2		0	0	0		0			0			
3		0	0	0		0			0			
4		0	0	0		0			0			
5		0	0	0		0			0			
6		0	0	0		0			0			
7		0	0	0		0			0			
8		0	0	0		0			0			
9		0	0	0		0			0			
10		0	0	0		0			0			
11		0	0	0		0			0			
12		0	0	0		0			0			
13		0	0	0		0			0			
14		0	0	0		0			0			
15		0	0	0		0			0	0.00		
16		0	0	0		0			0			
17		0	0	0		0			0			
18		0	0	0		0			0			
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33		0	0	0		0			0			
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35		0	0	0		0			0			
36		0	0	0		0			0			
37		0	0	0		0			0			
38		0	0	0		0			0			
39		0	0	0		0			0			
40		0	0	0		0			0	0.00		

Broken Oak Dam
Water Accounting Record
SEPTEMBER

Inputs

Lake Surface Area (acres) 90.00 | Water Surface Elevation 520.00 | Runoff Curve Number 72
Site Drainge Area (ac) 1634.00 | Stativity 3.89

***This column will be complete during the rain gauge accuracy verification**

Day	Groundwater Volume Added (gal)	Onsite Precipitation (in)	Total Runoff (in)	Total Runoff (ac-ft)	Lake Elevation	Water Level Increase	Stage Storage Volume*	Discharge Over Outlet Wier (ac-ft)	Retained Surface Water (ac-ft)	Required Release Volume (ac-ft)	Volume Released	Comments
1		0	0	0					0			
2		0	0	0		0			0			
3		0	0	0		0			0			
4		0	0	0		0			0			
5		0	0	0		0			0			
6		0	0	0		0			0			
7		0	0	0		0			0			
8		0	0	0		0			0			
9		0	0	0		0			0			
10		0	0	0		0			0			
11		0	0	0		0			0			
12		0	0	0		0			0			
13		0	0	0		0			0			
14		0	0	0		0			0			
15		0	0	0		0			0	0.00		
16		0	0	0		0			0			
17		0	0	0		0			0			
18		0	0	0		0			0			
19		0	0	0		0			0			
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24		0	0	0		0			0			
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26		0	0	0		0			0			
27		0	0	0		0			0			
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29		0	0	0		0			0			
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35		0	0	0		0			0			
36		0	0	0		0			0			
37		0	0	0		0			0			
38		0	0	0		0			0			
39		0	0	0		0			0			
40		0	0	0		0			0	0.00		

Broken Oak Dam
Water Accounting Record
OCTOBER

Inputs

Lake Surface Area (acres) 90.00 | Water Surface Elevation 520.00 | Runoff Curve Number 72
Site Drainge Area (ac) 1634.00 | Stativity 3.89

***This column will be complete during the rain gauge accuracy verification**

Day	Groundwater Volume Added (gal)	Onsite Precipitation (in)	Total Runoff (in)	Total Runoff (ac-ft)	Lake Elevation	Water Level Increase	Stage Storage Volume*	Discharge Over Outlet Wier (ac-ft)	Retained Surface Water (ac-ft)	Required Release Volume (ac-ft)	Volume Released	Comments
1		0	0	0					0			
2		0	0	0		0			0			
3		0	0	0		0			0			
4		0	0	0		0			0			
5		0	0	0		0			0			
6		0	0	0		0			0			
7		0	0	0		0			0			
8		0	0	0		0			0			
9		0	0	0		0			0			
10		0	0	0		0			0			
11		0	0	0		0			0			
12		0	0	0		0			0			
13		0	0	0		0			0			
14		0	0	0		0			0			
15		0	0	0		0			0	0.00		
16		0	0	0		0			0			
17		0	0	0		0			0			
18		0	0	0		0			0			
19		0	0	0		0			0			
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29		0	0	0		0			0			
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34		0	0	0		0			0			
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36		0	0	0		0			0			
37		0	0	0		0			0			
38		0	0	0		0			0			
39		0	0	0		0			0			
40		0	0	0		0			0	0.00		

Broken Oak Dam
Water Accounting Record
NOVEMBER

Inputs

Lake Surface Area (acres) 90.00 | Water Surface Elevation 520.00 | Runoff Curve Number 72
Site Drainge Area (ac) 1634.00 | Stativity 3.89

***This column will be complete during the rain gauge accuracy verification**

Day	Groundwater Volume Added (gal)	Onsite Precipitation (in)	Total Runoff (in)	Total Runoff (ac-ft)	Lake Elevation	Water Level Increase	Stage Storage Volume*	Discharge Over Outlet Wier (ac-ft)	Retained Surface Water (ac-ft)	Required Release Volume (ac-ft)	Volume Released	Comments
1		0	0	0					0			
2		0	0	0		0			0			
3		0	0	0		0			0			
4		0	0	0		0			0			
5		0	0	0		0			0			
6		0	0	0		0			0			
7		0	0	0		0			0			
8		0	0	0		0			0			
9		0	0	0		0			0			
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12		0	0	0		0			0			
13		0	0	0		0			0			
14		0	0	0		0			0			
15		0	0	0		0			0	0.00		
16		0	0	0		0			0			
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33		0	0	0		0			0			
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35		0	0	0		0			0			
36		0	0	0		0			0			
37		0	0	0		0			0			
38		0	0	0		0			0			
39		0	0	0		0			0			
40		0	0	0		0			0	0.00		

Broken Oak Dam
Water Accounting Record
DECEMBER

Inputs

Lake Surface Area (acres) 90.00 | Water Surface Elevation 520.00 | Runoff Curve Number 72
Site Drainge Area (ac) 1634.00 | Stativity 3.89

***This column will be complete during the rain gauge accuracy verification**

Day	Groundwater Volume Added (gal)	Onsite Precipitation (in)	Total Runoff (in)	Total Runoff (ac-ft)	Lake Elevation	Water Level Increase	Stage Storage Volume*	Discharge Over Outlet Wier (ac-ft)	Retained Surface Water (ac-ft)	Required Release Volume (ac-ft)	Volume Released	Comments
1		0	0	0					0			
2		0	0	0		0			0			
3		0	0	0		0			0			
4		0	0	0		0			0			
5		0	0	0		0			0			
6		0	0	0		0			0			
7		0	0	0		0			0			
8		0	0	0		0			0			
9		0	0	0		0			0			
10		0	0	0		0			0			
11		0	0	0		0			0			
12		0	0	0		0			0			
13		0	0	0		0			0			
14		0	0	0		0			0			
15		0	0	0		0			0	0.00		
16		0	0	0		0			0			
17		0	0	0		0			0			
18		0	0	0		0			0			
19		0	0	0		0			0			
20		0	0	0		0			0			
21		0	0	0		0			0			
22		0	0	0		0			0			
23		0	0	0		0			0			
24		0	0	0		0			0			
25		0	0	0		0			0			
26		0	0	0		0			0			
27		0	0	0		0			0			
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29		0	0	0		0			0			
30		0	0	0		0			0			
31		0	0	0		0			0			
32		0	0	0		0			0			
33		0	0	0		0			0			
34		0	0	0		0			0			
35		0	0	0		0			0			
36		0	0	0		0			0			
37		0	0	0		0			0			
38		0	0	0		0			0			
39		0	0	0		0			0			
40		0	0	0		0			0	0.00		

Stage	Volume
490	0
495	10
500	42
505	134
510	276
515	489
520	802

Attachment C

Well Operating Plan

Kiteboard Ranch, LLC, is the owner of a recreational lake located in Guadalupe County, Texas. The lake currently is not permitted to use/store surface water, therefore, it plans to use eight (8) onsite groundwater wells to pump water from the Carrizo-Wilcox aquifer to maintain the lake level for recreation. A water accounting plan will be implemented to avoid impounding State Water.

The onsite wells will be controlled by either a float switch or pressure transducer which will be triggered to pump when the lake falls below 518 ft amsl, determined to be the desired minimum water surface elevation of the lake. To assist in monitoring the lake level, Kiteboard Ranch, LLC will incorporate a Well Operating Plan as follows:

1. The float switch/pressure transducer will signal the pumps to start when it falls below the predetermined level above.
2. The wells with the lowest amounts of TDS will be set to discharge first. The order may change depending on water quality data that is available. Based on the most recent (Jan. 2022) water quality data we have for these wells the order is as follows:
    - K-23
    - K-16
    - K-13
    - K-14
    - K-10a
    - K-18
    - K-4
    - K-5a
3. The amount of water discharged will be metered and recorded on the Well Operating Plan log (see below).
4. The readings will be reported per the Guadalupe County Groundwater Conservation District (GCGCD) rules.

Water level readings will be recorded in the following format: (a separate sheet with this table will be kept on-site)

Well Reader's Name	Well ID	Date of Reading	Time of Reading	Water Level

All records must be kept on site and ready to give to TCEQ inspector upon request.

Attachment D

ELLYN YACKTMAN
DBA KITEBOARD RANCH LLC
3571 FAR WEST BLVD NO. 82
AUSTIN TX 78731-3064

Working Capital Management Account

4/13/22
Date

Pay to the Order of TCEQ

$203.54

Two hundred three dollars & 54/100 Dollars

Photo Safe Deposit® Detection

For

MP

Steve and Ellyn Yacktman
3571 Far West Blvd. #82
Austin, Tx 78731

Westward Environmental Inc
Attn: Curt Campbell / Jessica Grande
4 Shooting Club Rd.
Boerne, Texas 78006

78006-551404

RE: Response to RFI Submittal

Jessica Garate <[redacted]
Fri 6/3/2022 2:37 PM

To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

Thank you very much, Ms. Beerman. It is forthcoming. You have a great weekend as well!

Jessica Garate, GIT

Staff Geologist

Westward Environmental, Inc.

4 Shooting Club Road / PO Box 2205

Boerne, TX 78006

830.249.8284 Phone
830.249.0221 Fax
www.westwardenv.com

From: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Sent: Friday, June 3, 2022 2:32 PM
To: Jessica Garate <[redacted]
Subject: Re: Response to RFI Submittal

Jessica,
You can email the documents to me directly.
Thank you for your prompt response.
Have a good weekend.

Lillian E. Beerman, Ph.D.

Water Rights Permitting Team

Water Availability Division

512-239-4019

lillian.beerman@tceq.texas.gov

From: Jessica Garate <[redacted]
Sent: Friday, June 3, 2022 2:31 PM
To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Subject: Response to RFI Submittal

Good afternoon, Ms. Beerman.

We are ready to submit the response to RFI for Kiteboard Ranch, WRPERM 13828. Can I e-mail that to you directly or is that supposed to be submitted via the TCEQ website? Thank you.

Jessica Garate, GIT
Staff Geologist
Westward Environmental, Inc.
P.O. Box 2205 / Boerne, Texas 78006
830.249.8284 Phone
830.249.0221 Fax
[redacted]
www.westwardenv.com

Proj #

Kiteboard_Ranch_LLC_13828_RFI_Extension

Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Mon 5/16/2022 5:21 PM

To: [redacted];Jessica Garate <[redacted]
Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

2 attachments (449 KB)
Kiteboard_Ranch_13828_RFI_Extension.pdf; Kiteboard_Ranch_13828_RFI_Sent_04.07.2022.pdf;

Mr. Curt Campbell, P.E. and Ms. Jessica Garate,
An extension has been granted for Kiteboard Ranch, LLC's response to the Request for Information for Application No. 13828. The revised due date is COB Thursday, June 9, 2022.
If you have any questions or concerns, do not hesitate to contact me.
See Attachments.
Respectfully,

Lillian E. Beerman, Ph.D.
Water Rights Permitting Team
Water Availability Division
512-239-4019
lillian.beerman@tceq.texas.gov

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 16, 2022

Mr. Curt Campbell, P.E **VIA E-MAIL**
Vice President, Engineering and Natural Resources
Westward Environmental, Inc.
P.O. Box 2205
Boerne, TX 78006-3602

RE: Kiteboard Ranch, LLC
WRPERM 13828
CN605929736, RN111448155
Application No. 13828 for a Water Use Permit
Texas Water Code § 11.121, Requiring Mailed & Published Notice
Long Branch, Guadalupe River Basin

Dear Mr. Campbell:

This acknowledges the request, on May 11, 2022, of the applicants' request for an extension of time to respond to the Texas Commission on Environmental Quality (TCEQ) request for additional information, letter dated April 7, 2022.

A 30-day extension is granted until June 9, 2022, and after that date the application may be returned pursuant to Title 30 Texas Administrative Code § 281.18. No further extensions will be granted associated with this request for information.

If you have any questions concerning the application, please contact Lillian E. Beerman, Ph.D. via email at lillian.beerman@tceq.texas.gov or by telephone at (512) 239-4019.

Sincerely,

J. Brooke McGregor

Brooke McGregor, Manager
Water Rights Permitting and Availability Section
Water Availability Division

cc. Ms. Jessica Garate

Re: Kiteboard_Ranch_ 13828_ TEAMS Mtg_RFI
Chris Kozlowski <chris.kozlowski@tceq.texas.gov>
Wed 5/11/2022 10:32 AM
To: Jessica Garate [redacted];Trent Gay [redacted]
Cc: Curt Campbell [redacted];Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>;Brooke McGregor <brooke.mcgregor@tceq.texas.gov>
I didn't realize an extension was requested. I will take a look at it.

RE: Kiteboard Ranch - WRPERM 13828

Curt Campbell <ccampbell@westwardenv.com>

Wed 5/11/2022 7:00 AM

To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

Cc: Jessica Garate <[redacted]

Good afternoon, Ms. Beerman,

I am e-mailing you to request an extension for the deadline to respond to RFI for Kiteboard Ranch (WRPERM 13828), which was Monday, May 9, 2022. I will need the extension to adequately prepare a water accounting plan to address evaporative losses from the reservoir that is the subject of this application. We are requesting a new deadline of June 9, 2022. Thank you in advance for your consideration.

25 YEARS
WESTWARD
Environmental & Engineering Excellence

Curt G. Campbell, PE, CFM, LEED AP ND
VP Engineering & Natural Resources
Westward Environmental, Inc.
P.O. Box 2205 / Boerne, Texas 78006
830.249.8284 Phone
830.249.0221 Fax
561-568-5849 Cell
www.westwardenv.com

Re: Kiteboard Ranch 13828 TEAMS Mtg RFI

Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Tue 5/10/2022 6:12 PM

To: Jessica Garate <[redacted]>

Ms. Garate,
I was happy to see that Trent Gay and Kathy Alexander, Ph.D. provided you with a simple sample accounting plan.
I am the project manager assigned to Kiteboard Ranch's Application No. 13828. I was also the project manager for Kiteboard's previous submission, Application No. 13818.
If you have any questions about the accounting plan, you can ask me or contact Trent Gay directly. Please feel free anytime to contact me and I can find the appropriate person or the information you needed.

I did receive your inquiry regarding an extension for the Request for Information. I apologize for the delay in my response, but I wanted to make sure that you had the information you needed to respond to our request.

The procedure for requesting an extension is straightforward. Applicants can request an extension for up to 30 days after the original due date. For Kiteboard Ranch's application no. 13828, this date should no later than June 9, 2022. The request should include the name of the applicant, the number of the application, and the new deadline -- month, day, year. The applicant or applicant contact may request via email. We used to require that the extension be written on letterhead; however, we now accept emails and the reference to Westward Environmental on your emails is adequate. The request for an extension may include a sentence stating why an extension is needed.
Curt Campbell, P.E. is the Applicant Contact for Kiteboard Ranch's Application No. 13828. The request for an extension should be signed by Mr. Campbell.
Once you have provided this information, I will request management's approval.
If you have any further questions or concerns, don't hesitate to contact me.
Respectfully,

Lillian E. Beerman, Ph.D.
Water Rights Permitting Team
Water Availability Division
512-239-4019
lillian.beerman@tceq.texas.gov

From: Jessica Garate <[redacted]>
Sent: Tuesday, May 10, 2022 4:51 PM
To: Chris Kozlowski <chris.kozlowski@tceq.texas.gov>; Trent Gay <Trent.Gay@tceq.texas.gov>
Cc: Curt Campbell <[redacted]>; Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>; Brooke McGregor <brooke.mcgregor@tceq.texas.gov>
Subject: RE: Kiteboard Ranch 13828 TEAMS Mtg RFI

Hello, Mr. Kozlowski.

I requested an extension on Friday, May 6, 2022. I sent an e mail to Lillian Beerman with the request which included the request for the account plan. I addressed it to Ms. Beerman because she e mailed the RFI so I figured I could direct the request to her. Is there a different method for requesting an extension? I apologize, the deadline was yesterday, May 9, 2022. Please advise! Thank you, I look forward to your response.

WESTWARD

Jessica Garate, GIT
Staff Geologist
Westward Environmental, Inc.
4 Shooting Club Road / PO Box 2205
Boerne, TX 78006
830.249.8284 Phone
830.249.0221 Fax
www.westwardenv.com

From: Chris Kozlowski <chris.kozlowski@tceq.texas.gov>
Sent: Tuesday, May 10, 2022 4:44 PM
To: Jessica Garate <[redacted]>; Trent Gay <Trent.Gay@tceq.texas.gov>
Cc: Curt Campbell <[redacted]> Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>; Brooke McGregor <brooke.mcgregor@tceq.texas.gov>
Subject: Re: Kiteboard Ranch 13828 TEAMS Mtg RFI

Ms. Garate, you must request an extension if you don't think you will be able to provide the requested information by the due date.

From: Jessica Garate [redacted]
Sent: Tuesday, May 10, 2022 4:43 PM
To: Trent Gay <Trent.Gay@tceq.texas.gov>
Cc: Curt Campbell [redacted]; Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>; Chris Kozlowski <chris.kozlowski@tceq.texas.gov>; Brooke McGregor <brooke.mcgregor@tceq.texas.gov>
Subject: RE: Kiteboard Ranch 13828 TEAMS Mtg RFI

Mr. Gay,

Thank you very much for providing the account plan. We will work on a similar plan for the Kiteboard Ranch Permit (WRPERM 13828). Is there an updated deadline to provide the response to RFI?

WESTWARD

Jessica Garate, GIT
Staff Geologist
Westward Environmental, Inc.
4 Shooting Club Road / PO Box 2205
Boerne, TX 78006
830.249.8284 Phone
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T

Re: Kiteboard Ranch 13828 TEAMS Mtg RFI

Trent Gay <Trent.Gay@tceq.texas.gov>
Tue 5/10/2022 2:35 PM

To: [redacted]
Cc: [redacted]>;Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>;Chris Kozlowski <chris.kozlowski@tceq.texas.gov>;Brooke McGregor <brooke.mcgregor@tceq.texas.gov>

Ms. Garate,

Please find attached an example of an account plan. Let us know if you have any additional questions.

Thanks,

Trent Gay
Surface Water Availability Team Leader
Texas Commission on Environmental Quality
Water Availability Division
12100 Park 35 Circle, Bldg F, 3rd Floor MC 160
Austin, TX 78753
trent.gay@tceq.texas.gov
512.239

PELOTON
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9800 Hillwood Pkwy.
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Fort Worth Texas 76177
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CADG ERWIN FARMS, LLC ACCOUNTING PLAN
FOR APPLICATION NO. 13619
January 5, 2021

INTRODUCTION

This memorandum describes the accounting plan submitted for Application No. 13619. The application authorizes the following:

- Storage of supplemental water in one impoundment with a storage capacity of 8.7 acre-feet and a surface area of 2.99 acres.

The applicant will not be diverting any waters of the state and will provide supplemental water from private groundwater produced by the applicant to offset net evaporation.

The accounting plan assumes that storage in the reservoirs is constant. Change in storage is minimal and can be ignored. Thus, this accounting plan is premised on a fundamental mass balance equation of water inflows and outflows from the impoundment:

Groundwater = Net Evaporation Losses

The applicant has installed meters on the discharges of groundwater and will read those meters on a daily basis. Net evaporation losses will be based on daily values measured by the U.S. Army Corps of Engineers (USACE) at Lake Lewisville (http://www.swf-wc.usace.army.mil/cgi-bin/rcshtml.pl?page=Hydrologic). If evaporation data are not available, the accounting plan will use the mean evaporation for the local area for the period from 1954 through 2019, calculated on a monthly basis, as published by the Texas Water Development Board (TWDB).

ELEMENTS OF THE ACCOUNTING PLAN

The accounting plan has been created as an Excel spreadsheet. The spreadsheet includes cells in which the applicant will insert meter readings for groundwater discharges and pan evaporation and precipitation from Lake Lewisville. The spreadsheet will use the data entered in those cells to automatically calculate evaporated losses. The accounting plan covers one calendar year, and a new Excel document will need to be created for each year.

There are 16 tabs in the accounting plan spreadsheet:

1. ANNUAL Tab – summarizes water use, supplemental groundwater, and evaporative losses.
2. Monthly Tabs (JAN through DEC) – the applicant will enter daily readings
3. EVAP DATA Tab – default evaporation rates

4. TWDB PAN LAKE COEFF Tab – data from the TWDB for Monthly Pan Coefficients
5. TWDB EVAP Tab – data from TWDB for monthly lake surface evaporation for Quadrangle 411

ANNUAL TAB

The ANNUAL tab calculates a mass balance for the impoundment covered by Application 13619. All figures on the ANNUAL tab are populated from the monthly tabs or calculated in the ANNUAL tab, so the applicant will not enter any data into the ANNUAL tab. The exception is in cell B6, where the applicant enters the current year.

The ANNUAL tab contains columns (A through F) and 14 rows. The columns in the table are as follows:

Column A — Month. Labels for each month in a separate row.

Column B — Groundwater Volume (ac-ft). Contains the monthly Groundwater Volume in acre-feet.

Column C — Net Evaporation (ac-ft). Contains the monthly evaporation imported from the respective monthly worksheet.

Column D — Calculated Net Inflow (ac-ft). Contains the monthly calculated net inflows in acre-feet. Imported converted from gallons to acre-feet from the respective worksheet for the month.

Column E — Depleted Net Inflow (ac-ft). Contains the monthly depleted net inflows in acre-feet. Imported from and converted from gallons to acre-feet from the respective worksheet for the month.

Column F — Supplemental Groundwater Release (ac-ft). Contains the monthly supplemental groundwater release in acre-feet. Imported from and converted from gallons to acre-feet from the respective worksheet for the month.

MONTHLY TABS

The accounting plan includes 12 monthly spreadsheets, labeled JAN through DEC. Each worksheet contains 13 columns (A through M), but the number of rows varies between 28 and 31 based on the number of days in the month. The applicant will enter daily groundwater pump meter readings and Lake Lewisville precipitation and evaporation depths into the monthly worksheets. All other cells will be filled automatically based on those entries.

Column A — Day. Lists the day of the month and is shaded orange.

Column B — Groundwater Volume. Cells for the applicant to enter daily meter readings from the water well meter.

Column C — Lake Lewisville Precipitation Rate (in). The daily precipitation values for Lake Lewisville, obtained from the USACE website at http://www.swf-wc.usace.army.mil/cgi-bin/rcshtml.pl?page=Hydrologic.

Column D — Lake Lewisville Evaporation Rate (in). The daily pan evaporation values for Lake Lewisville, obtained from the USACE website at http://www.swf-wc.usace.army.mil/cgi-bin/rcshtml.pl?page=Hydrologic.

Column E — Default Evaporation Rate (in). This column is used on days when Lake Lewisville evaporation data is not available. If the value in Column D is blank, then Column E displays the 75th percentile daily pan evaporation value from the EVAP DATA Worksheet.

Column F — Total Evaporation Rate (in). This final daily pan evaporation rate is based on either the values entered in Column D or the 75th percentile values in Column E.

Column G — Net Evaporation Rate (in). Calculates the final net evaporation rate (evaporation rate multiplied by pan factor less precipitation) in inches.

Column H — Net Evaporation (ac-ft). Calculated Net Evaporation, obtained by converting the Net Evaporation Rate in Column G to feet and multiplying it by the total surface area of the lake in cell C6.

Column I — Net Evaporation (gal). Same as Column H reported in gallons.

Column J — Calculated Net Inflow (gal). The calculated net inflow is determined by subtracting the groundwater inflow to the lake (Column B) from the sum of the evaporative loss (Column I). If the calculated net inflow is negative, then there is more inflow into the impoudment than can be held, and this amount flows downstream.

Column K — Depleted Net Inflow (gal). The depleted net inflow is the positive calculated net inflow from Column J. If the calculated net inflow is less than zero, then this value is equal to zero. The Depleted Net Inflow represents the amount needed to be made up through supplemental groundwater pumping.

Column L — Supplemental Groundwater Release (gal). The total supplemental groundwater release is the sum of the depleted net inflow (Column L) reported biweekly in December, January, and February and weekly for the remainder of the year.

Column M — Comments. This Column allows the applicant to enter any relevant notes and observations.

EVAP DATA TAB

The EVAP DATA worksheet contains default data that will be used when historical Lake Lewisville evaporation data are not available, as well as monthly pan factors used to translate the Lake Lewisville data to gross reservoir evaporation. The worksheet includes five columns, all of which have been populated with data. The applicant will not enter any data in the EVAP DATA worksheet.

Column A — Month. Lists each month

Column B — Days in Month. Lists the days in each month. End-user to modify as needed to accommodate for leap year.

Column C — TWDB 75th Percentile Monthly Rate (in). Lists the 75th percentile evaporation rate for each month, expressed in inches. The data for this column was obtained from the precipitation and lake evaporation database published by the Texas Water Development Board. (TWDB, Precipitation and Lake Evaporation Data, Quadrant 411, https://www.twdb.texas.gov/surfacewater/conditions/evaporation/doc/pancoef.txt)

Column D — Daily Pan Rate (in). Expresses the evaporation rate as a daily rate from an evaporation pan, calculated by dividing the monthly rate in Column B by the number of days in the month and then dividing the result by the monthly pan factors. These daily rates will be used if Lake Lewisville data are not available.

Column E — Pan Factor. The TWDB pan factors for this area.

TWDB PAN LAKE COEFF TAB

The TWDB PAN LAKE COEFF worksheet contains the Texas Water Development Board pan factors for Texas (TWDB, Monthly Pan Coefficients Used in ThEvap, https://www.twdb.texas.gov/surfacewater/conditions/evaporation/doc/pancoef.txt).

TWDB EVAP TAB

The TWDB EVAP worksheet contains the Texas Water Development Board monthly lake surface evaporation rates for Quadrangle 411 from 1954 to 2019 (TWDB, Precipitation and Lake Evaporation Data, Quadrant 411, https://www.twdb.texas.gov/surfacewater/conditions/evaporation/index.asp).

Row 75 75th Percentile. Calculates the 75th percentile evaporation rate for each month from 1954 to 2019.

Erwin Farms - Phase 3
Water Accounting Record
Annual

Year	

Month	Groundwater Volume (ac-ft)	Net Evaporation (ac-ft)	Calculated Net Inflow (ac-ft)	Depleted Net Inflow (ac-ft)	Supplemental Groundwater Release (ac-ft)
January	0.00	0.62	0.62	0.62	0.62
February	0.00	0.56	0.56	0.56	0.56
March	0.00	0.93	0.93	0.93	0.93
April	0.00	1.20	1.20	1.20	1.20
May	0.00	1.24	1.24	1.24	1.24
June	0.00	1.50	1.50	1.50	1.50
July	0.00	2.17	2.17	2.17	2.17
August	0.00	1.86	1.86	1.86	1.86
September	0.00	1.50	1.50	1.50	1.50
October	0.00	1.24	1.24	1.24	1.24
November	0.00	0.90	0.90	0.90	0.90
December	0.00	0.62	0.62	0.62	0.62
Total	0.00	14.34	14.34	14.34	14.34

Erwin Farms Phase 3
Water Accounting Record
anuary

Signed:
Date:

Lake Surface Area (acres) 2.99
Pan Factor 0.7

Day	Groundwater Volume (gal)	Lake Lewisville Precipitation (in)	Lake Lewisville Evaporation Rate (in)	Defau t Evaporation Rate (in)	otal Evaporation Rate (in)	Net Evaporation Rate (in)	Net Evaporation (ac ft)	Net Evaporation (gal)	Calculated Net Inflow (gal)	Depleted Net Inflow (gal)	Supplemental Groundwater Release (gal)	Comments
1				0.1	0.1	0.07	0.02	6517	6517	6517		
2				0.1	0.1	0.07	0.02	6517	6517	6517		
3				0.1	0.1	0.07	0.02	6517	6517	6517		
				0.1	0.1	0.07	0.02	6517	6517	6517		
5				0.1	0.1	0.07	0.02	6517	6517	6517		
6				0.1	0.1	0.07	0.02	6517	6517	6517		
7				0.1	0.1	0.07	0.02	6517	6517	6517		
8				0.1	0.1	0.07	0.02	6517	6517	6517		
9				0.1	0.1	0.07	0.02	6517	6517	6517		
10				0.1	0.1	0.07	0.02	6517	6517	6517		
11				0.1	0.1	0.07	0.02	6517	6517	6517		
12				0.1	0.1	0.07	0.02	6517	6517	6517		
13				0.1	0.1	0.07	0.02	6517	6517	6517		
1				0.1	0.1	0.07	0.02	6517	6517	6517	91238	
15				0.1	0.1	0.07	0.02	6517	6517	6517		
16				0.1	0.1	0.07	0.02	6517	6517	6517		
17				0.1	0.1	0.07	0.02	6517	6517	6517		
18				0.1	0.1	0.07	0.02	6517	6517	6517		
19				0.1	0.1	0.07	0.02	6517	6517	6517		
20				0.1	0.1	0.07	0.02	6517	6517	6517		
21				0.1	0.1	0.07	0.02	6517	6517	6517		
22				0.1	0.1	0.07	0.02	6517	6517	6517		
23				0.1	0.1	0.07	0.02	6517	6517	6517		
2				0.1	0.1	0.07	0.02	6517	6517	6517		
25				0.1	0.1	0.07	0.02	6517	6517	6517		
26				0.1	0.1	0.07	0.02	6517	6517	6517		
27				0.1	0.1	0.07	0.02	6517	6517	6517		
28				0.1	0.1	0.07	0.02	6517	6517	6517		
29				0.1	0.1	0.07	0.02	6517	6517	6517		
30				0.1	0.1	0.07	0.02	6517	6517	6517		
31				0.1	0.1	0.07	0.02	6517	6517	6517		
32				0.1	0.1	0.07	0.02	6517	6517	6517		
33				0.1	0.1	0.07	0.02	6517	6517	6517		
3				0.1	0.1	0.07	0.02	6517	6517	6517		
35				0.1	0.1	0.07	0.02	6517	6517	6517		
36				0.1	0.1	0.07	0.02	6517	6517	6517		
37				0.1	0.1	0.07	0.02	6517	6517	6517	91238	
38				0.1	0.1	0.07	0.02	6517	6517	6517		
39				0.1	0.1	0.07	0.02	6517	6517	6517		
0				0.1	0.1	0.07	0.02	6517	6517	6517	19551	

Summed Data	20202	20202	20202

Erwin Farms Phase 3
Water Accounting Record
February

Lake Surface Area (acres) 2.99
Pan Factor 0.71

Day	Groundwater Volume (gal)	Lake Lewisville Precipitation (in)	Lake Lewisville Evaporation Rate (in)	Default Evaporation Rate (in)	Total Evaporation Rate (in)	Net Evaporation Rate (in)	Net Evaporation (ac-ft)	Net Evaporation (gal)	Calculated Net Inflow (gal)	Depleted Net Inflow (gal)	Supplemental Groundwater Release (gal)	Comments
1				0.14	0.14	0.10	0.02	6517	6517	6517		
2				0.14	0.14	0.10	0.02	6517	6517	6517		
3				0.14	0.14	0.10	0.02	6517	6517	6517		
4				0.14	0.14	0.10	0.02	6517	6517	6517		
5				0.14	0.14	0.10	0.02	6517	6517	6517		
6				0.14	0.14	0.10	0.02	6517	6517	6517		
7				0.14	0.14	0.10	0.02	6517	6517	6517		
8				0.14	0.14	0.10	0.02	6517	6517	6517		
9				0.14	0.14	0.10	0.02	6517	6517	6517		
10				0.14	0.14	0.10	0.02	6517	6517	6517		
11				0.14	0.14	0.10	0.02	6517	6517	6517		
12				0.14	0.14	0.10	0.02	6517	6517	6517		
13				0.14	0.14	0.10	0.02	6517	6517	6517		
14				0.14	0.14	0.10	0.02	6517	6517	6517	91238	
15				0.14	0.14	0.10	0.02	6517	6517	6517		
16				0.14	0.14	0.10	0.02	6517	6517	6517		
17				0.14	0.14	0.10	0.02	6517	6517	6517		
18				0.14	0.14	0.10	0.02	6517	6517	6517		
19				0.14	0.14	0.10	0.02	6517	6517	6517		
20				0.14	0.14	0.10	0.02	6517	6517	6517		
21				0.14	0.14	0.10	0.02	6517	6517	6517		
22				0.14	0.14	0.10	0.02	6517	6517	6517		
23				0.14	0.14	0.10	0.02	6517	6517	6517	91238	
24				0.14	0.14	0.10	0.02	6517	6517	6517		
25				0.14	0.14	0.10	0.02	6517	6517	6517		
26				0.14	0.14	0.10	0.02	6517	6517	6517		
27				0.14	0.14	0.10	0.02	6517	6517	6517		
28				0.14	0.14	0.10	0.02	6517	6517	6517		

Erwin Farms Phase 3
Water Accounting Record
March

Lake Surface Area (acres) 2.99
Pan Factor 0.70

Signed:
Date:

Day	Groundwater Volume (gal)	Lake Lewisville Precipitation (in)	Lake Lewisville Evaporation Rate (in)	Defau t Evaporation Rate (in)	otal Evaporation Rate (in)	Net Evaporation Rate (in)	Net Evaporation (ac ft)	Net Evaporation (gal)	Calculated Net Inflow (gal)	Depleted Net Inflow (gal)	Supplemental Groundwater Release (gal)	Comments
1				0.19	0.19	0.13	0.03	9776	9776	9776		
2				0.19	0.19	0.13	0.03	9776	9776	9776		
3				0.19	0.19	0.13	0.03	9776	9776	9776		
				0.19	0.19	0.13	0.03	9776	9776	9776		
5				0.19	0.19	0.13	0.03	9776	9776	9776		
6				0.19	0.19	0.13	0.03	9776	9776	9776		
7				0.19	0.19	0.13	0.03	9776	9776	9776	68 32	
8				0.19	0.19	0.13	0.03	9776	9776	9776		
9				0.19	0.19	0.13	0.03	9776	9776	9776		
10				0.19	0.19	0.13	0.03	9776	9776	9776		
11				0.19	0.19	0.13	0.03	9776	9776	9776		
12				0.19	0.19	0.13	0.03	9776	9776	9776		
13				0.19	0.19	0.13	0.03	9776	9776	9776		
1				0.19	0.19	0.13	0.03	9776	9776	9776	68 32	
15				0.19	0.19	0.13	0.03	9776	9776	9776		
16				0.19	0.19	0.13	0.03	9776	9776	9776		
17				0.19	0.19	0.13	0.03	9776	9776	9776		
18				0.19	0.19	0.13	0.03	9776	9776	9776		
19				0.19	0.19	0.13	0.03	9776	9776	9776		
20				0.19	0.19	0.13	0.03	9776	9776	9776		
21				0.19	0.19	0.13	0.03	9776	9776	9776	68 32	
22				0.19	0.19	0.13	0.03	9776	9776	9776		
23				0.19	0.19	0.13	0.03	9776	9776	9776		
2				0.19	0.19	0.13	0.03	9776	9776	9776		
25				0.19	0.19	0.13	0.03	9776	9776	9776		
26				0.19	0.19	0.13	0.03	9776	9776	9776		
27				0.19	0.19	0.13	0.03	9776	9776	9776		
28				0.19	0.19	0.13	0.03	9776	9776	9776		
29				0.19	0.19	0.13	0.03	9776	9776	9776		
30				0.19	0.19	0.13	0.03	9776	9776	9776	68 32	
31				0.19	0.19	0.13	0.03	9776	9776	9776		
32				0.19	0.19	0.13	0.03	9776	9776	9776		
33				0.19	0.19	0.13	0.03	9776	9776	9776		
3				0.19	0.19	0.13	0.03	9776	9776	9776		
35				0.19	0.19	0.13	0.03	9776	9776	9776		
36				0.19	0.19	0.13	0.03	9776	9776	9776		
37				0.19	0.19	0.13	0.03	9776	9776	9776	68 32	
38				0.19	0.19	0.13	0.03	9776	9776	9776		
39				0.19	0.19	0.13	0.03	9776	9776	9776		
0				0.19	0.19	0.13	0.03	9776	9776	9776	29328	
1												**Summed Data**

303056	**303056**	**303056**

Erwin Farms Phase 3
Water Accounting Record
Apr l

Lake Surface Area (acres) 2.99
Pan Factor 0.68

Signed:
Date:

Day	Groundwater Volume (gal)	Lake Lewisville Precipitation (in)	Lake Lewisville Evaporation Rate (in)	Defau t Evaporation Rate (in)	otal Evaporation Rate (in)	Net Evaporation Rate (in)	Net Evaporation (ac ft)	Net Evaporation (gal)	Calculated Net Inflow (gal)	Depleted Net Inflow (gal)	Supplemental Groundwater Release (gal)	Comments
1				0.25	0.25	0.17	0.0	1303	1303	1303		
2				0.25	0.25	0.17	0.0	1303	1303	1303		
3				0.25	0.25	0.17	0.0	1303	1303	1303		
				0.25	0.25	0.17	0.0	1303	1303	1303		
5				0.25	0.25	0.17	0.0	1303	1303	1303		
6				0.25	0.25	0.17	0.0	1303	1303	1303		
7				0.25	0.25	0.17	0.0	1303	1303	1303	91238	
8				0.25	0.25	0.17	0.0	1303	1303	1303		
9				0.25	0.25	0.17	0.0	1303	1303	1303		
10				0.25	0.25	0.17	0.0	1303	1303	1303		
11				0.25	0.25	0.17	0.0	1303	1303	1303		
12				0.25	0.25	0.17	0.0	1303	1303	1303		
13				0.25	0.25	0.17	0.0	1303	1303	1303		
1				0.25	0.25	0.17	0.0	1303	1303	1303	91238	
15				0.25	0.25	0.17	0.0	1303	1303	1303		
16				0.25	0.25	0.17	0.0	1303	1303	1303		
17				0.25	0.25	0.17	0.0	1303	1303	1303		
18				0.25	0.25	0.17	0.0	1303	1303	1303		
19				0.25	0.25	0.17	0.0	1303	1303	1303		
20				0.25	0.25	0.17	0.0	1303	1303	1303		
21				0.25	0.25	0.17	0.0	1303	1303	1303		
22				0.25	0.25	0.17	0.0	1303	1303	1303		
23				0.25	0.25	0.17	0.0	1303	1303	1303	91238	
2				0.25	0.25	0.17	0.0	1303	1303	1303		
25				0.25	0.25	0.17	0.0	1303	1303	1303		
26				0.25	0.25	0.17	0.0	1303	1303	1303		
27				0.25	0.25	0.17	0.0	1303	1303	1303		
28				0.25	0.25	0.17	0.0	1303	1303	1303		
29				0.25	0.25	0.17	0.0	1303	1303	1303		
30				0.25	0.25	0.17	0.0	1303	1303	1303	91238	
31				0.25	0.25	0.17	0.0	1303	1303	1303		
32				0.25	0.25	0.17	0.0	1303	1303	1303		
33				0.25	0.25	0.17	0.0	1303	1303	1303		
3				0.25	0.25	0.17	0.0	1303	1303	1303		
35				0.25	0.25	0.17	0.0	1303	1303	1303		
36				0.25	0.25	0.17	0.0	1303	1303	1303		
37				0.25	0.25	0.17	0.0	1303	1303	1303	91238	
38				0.25	0.25	0.17	0.0	1303	1303	1303		
39				0.25	0.25	0.17	0.0	1303	1303	1303	26068	
0										**Summed Data**	**391020**	**391020**	**391020**

Erwin Farms Phase 3
Water Accounting Record
May

Lake Surface Area (acres) 2.99
Pan Factor 0.61

Signed:
Date:

Day	Groundwater Volume (gal)	Lake Lewisville Precipitation (in)	Lake Lewisville Evaporation Rate (in)	Defau t Evaporation Rate (in)	otal Evaporation Rate (in)	Net Evaporation Rate (in)	Net Evaporation (ac ft)	Net Evaporation (gal)	Calculated Net Inflow (gal)	Depleted Net Inflow (gal)	Supplemental Groundwater Release (gal)	Comments
1				0.27	0.27	0.16	0.0	1303	1303	1303		
2				0.27	0.27	0.16	0.0	1303	1303	1303		
3				0.27	0.27	0.16	0.0	1303	1303	1303		
				0.27	0.27	0.16	0.0	1303	1303	1303		
5				0.27	0.27	0.16	0.0	1303	1303	1303		
6				0.27	0.27	0.16	0.0	1303	1303	1303		
7				0.27	0.27	0.16	0.0	1303	1303	1303	91238	
8				0.27	0.27	0.16	0.0	1303	1303	1303		
9				0.27	0.27	0.16	0.0	1303	1303	1303		
10				0.27	0.27	0.16	0.0	1303	1303	1303		
11				0.27	0.27	0.16	0.0	1303	1303	1303		
12				0.27	0.27	0.16	0.0	1303	1303	1303		
13				0.27	0.27	0.16	0.0	1303	1303	1303		
1				0.27	0.27	0.16	0.0	1303	1303	1303	91238	
15				0.27	0.27	0.16	0.0	1303	1303	1303		
16				0.27	0.27	0.16	0.0	1303	1303	1303		
17				0.27	0.27	0.16	0.0	1303	1303	1303		
18				0.27	0.27	0.16	0.0	1303	1303	1303		
19				0.27	0.27	0.16	0.0	1303	1303	1303		
20				0.27	0.27	0.16	0.0	1303	1303	1303		
21				0.27	0.27	0.16	0.0	1303	1303	1303		
22				0.27	0.27	0.16	0.0	1303	1303	1303		
23				0.27	0.27	0.16	0.0	1303	1303	1303	91238	
2				0.27	0.27	0.16	0.0	1303	1303	1303		
25				0.27	0.27	0.16	0.0	1303	1303	1303		
26				0.27	0.27	0.16	0.0	1303	1303	1303		
27				0.27	0.27	0.16	0.0	1303	1303	1303		
28				0.27	0.27	0.16	0.0	1303	1303	1303		
29				0.27	0.27	0.16	0.0	1303	1303	1303		
30				0.27	0.27	0.16	0.0	1303	1303	1303	91238	
31				0.27	0.27	0.16	0.0	1303	1303	1303		
32				0.27	0.27	0.16	0.0	1303	1303	1303		
33				0.27	0.27	0.16	0.0	1303	1303	1303		
4				0.27	0.27	0.16	0.0	1303	1303	1303		
35				0.27	0.27	0.16	0.0	1303	1303	1303		
36				0.27	0.27	0.16	0.0	1303	1303	1303		
37				0.27	0.27	0.16	0.0	1303	1303	1303	91238	
38				0.27	0.27	0.16	0.0	1303	1303	1303		
39				0.27	0.27	0.16	0.0	1303	1303	1303		
0				0.27	0.27	0.16	0.0	1303	1303	1303	39102	
1												**Summed Data**

404054	**404054**	**404054**

Erwin Farms Phase 3
Water Accounting Record
une

Signed:
Date:

Lake Surface Area (acres) 2.99
Pan Factor 0.68

Day	Groundwater Volume (gal)	Lake Lewisville Precipitation (in)	Lake Lewisville Evaporation Rate (in)	Defau t Evaporation Rate (in)	otal Evaporation Rate (in)	Net Evaporation Rate (in)	Net Evaporation (ac ft)	Net Evaporation (gal)	Calculated Net Inflow (gal)	Depleted Net Inflow (gal)	Supplemental Groundwater Release (gal)	Comments
1				0.33	0.33	0.22	0.05	16293	16293	16293		
2				0.33	0.33	0.22	0.05	16293	16293	16293		
3				0.33	0.33	0.22	0.05	16293	16293	16293		
				0.33	0.33	0.22	0.05	16293	16293	16293		
5				0.33	0.33	0.22	0.05	16293	16293	16293		
6				0.33	0.33	0.22	0.05	16293	16293	16293		
7				0.33	0.33	0.22	0.05	16293	16293	16293	11 051	
8				0.33	0.33	0.22	0.05	16293	16293	16293		
9				0.33	0.33	0.22	0.05	16293	16293	16293		
10				0.33	0.33	0.22	0.05	16293	16293	16293		
11				0.33	0.33	0.22	0.05	16293	16293	16293		
12				0.33	0.33	0.22	0.05	16293	16293	16293		
13				0.33	0.33	0.22	0.05	16293	16293	16293		
1				0.33	0.33	0.22	0.05	16293	16293	16293	11 051	
15				0.33	0.33	0.22	0.05	16293	16293	16293		
16				0.33	0.33	0.22	0.05	16293	16293	16293		
17				0.33	0.33	0.22	0.05	16293	16293	16293		
18				0.33	0.33	0.22	0.05	16293	16293	16293		
19				0.33	0.33	0.22	0.05	16293	16293	16293		
20				0.33	0.33	0.22	0.05	16293	16293	16293		
21				0.33	0.33	0.22	0.05	16293	16293	16293	11 051	
22				0.33	0.33	0.22	0.05	16293	16293	16293		
23				0.33	0.33	0.22	0.05	16293	16293	16293		
2				0.33	0.33	0.22	0.05	16293	16293	16293		
25				0.33	0.33	0.22	0.05	16293	16293	16293		
26				0.33	0.33	0.22	0.05	16293	16293	16293		
27				0.33	0.33	0.22	0.05	16293	16293	16293		
28				0.33	0.33	0.22	0.05	16293	16293	16293		
29				0.33	0.33	0.22	0.05	16293	16293	16293		
30				0.33	0.33	0.22	0.05	16293	16293	16293	11 051	
31				0.33	0.33	0.22	0.05	16293	16293	16293		
32				0.33	0.33	0.22	0.05	16293	16293	16293		
33				0.33	0.33	0.22	0.05	16293	16293	16293		
3				0.33	0.33	0.22	0.05	16293	16293	16293		
35				0.33	0.33	0.22	0.05	16293	16293	16293		
36				0.33	0.33	0.22	0.05	16293	16293	16293		
37				0.33	0.33	0.22	0.05	16293	16293	16293	11 051	
38				0.33	0.33	0.22	0.05	16293	16293	16293		
39				0.33	0.33	0.22	0.05	16293	16293	16293	32586	
0												**Summed Data**

488790	**488790**	**488790**

Erwin Farms Phase 3
Water Accounting Record
uly

Signed:
Date:

Lake Surface Area (acres) 2.99
Pan Factor 0.70

Day	Groundwater Volume (gal)	Lake Lewisville Precipitation (in)	Lake Lewisville Evaporation Rate (in)	Defau t Evaporation Rate (in)	otal Evaporation Rate (in)	Net Evaporation Rate (in)	Net Evaporation (ac ft)	Net Evaporation (gal)	Calculated Net Inflow (gal)	Depleted Net Inflow (gal)	Supplemental Groundwater Release (gal)	Comments
1				0.38	0.38	0.27	0.07	22810	22810	22810		
2				0.38	0.38	0.27	0.07	22810	22810	22810		
3				0.38	0.38	0.27	0.07	22810	22810	22810		
				0.38	0.38	0.27	0.07	22810	22810	22810		
5				0.38	0.38	0.27	0.07	22810	22810	22810		
6				0.38	0.38	0.27	0.07	22810	22810	22810		
7				0.38	0.38	0.27	0.07	22810	22810	22810	159670	
8				0.38	0.38	0.27	0.07	22810	22810	22810		
9				0.38	0.38	0.27	0.07	22810	22810	22810		
10				0.38	0.38	0.27	0.07	22810	22810	22810		
11				0.38	0.38	0.27	0.07	22810	22810	22810		
12				0.38	0.38	0.27	0.07	22810	22810	22810		
13				0.38	0.38	0.27	0.07	22810	22810	22810		
1				0.38	0.38	0.27	0.07	22810	22810	22810	159670	
15				0.38	0.38	0.27	0.07	22810	22810	22810		
16				0.38	0.38	0.27	0.07	22810	22810	22810		
17				0.38	0.38	0.27	0.07	22810	22810	22810		
18				0.38	0.38	0.27	0.07	22810	22810	22810		
19				0.38	0.38	0.27	0.07	22810	22810	22810		
20				0.38	0.38	0.27	0.07	22810	22810	22810		
21				0.38	0.38	0.27	0.07	22810	22810	22810	159670	
2				0.38	0.38	0.27	0.07	22810	22810	22810		
25				0.38	0.38	0.27	0.07	22810	22810	22810		
26				0.38	0.38	0.27	0.07	22810	22810	22810		
27				0.38	0.38	0.27	0.07	22810	22810	22810		
28				0.38	0.38	0.27	0.07	22810	22810	22810		
29				0.38	0.38	0.27	0.07	22810	22810	22810		
30				0.38	0.38	0.27	0.07	22810	22810	22810	159670	
31				0.38	0.38	0.27	0.07	22810	22810	22810		
32				0.38	0.38	0.27	0.07	22810	22810	22810		
33				0.38	0.38	0.27	0.07	22810	22810	22810		
3				0.38	0.38	0.27	0.07	22810	22810	22810		
35				0.38	0.38	0.27	0.07	22810	22810	22810		
36				0.38	0.38	0.27	0.07	22810	22810	22810		
37				0.38	0.38	0.27	0.07	22810	22810	22810	159670	
38				0.38	0.38	0.27	0.07	22810	22810	22810		
39				0.38	0.38	0.27	0.07	22810	22810	22810		
0				0.38	0.38	0.27	0.07	22810	22810	22810	68 30	
1											**Summed Data**	**707110**	**707110**	**707110**

Erwin Farms Phase 3
Water Accounting Record
August

Signed:
Date:

Lake Surface Area (acres) 2.99
Pan Factor 0.71

Day	Groundwater Volume (gal)	Lake Lewisville Precipitation (in)	Lake Lewisville Evaporation Rate (in)	Defau t Evaporation Rate (in)	otal Evaporation Rate (in)	Net Evaporation Rate (in)	Net Evaporation (ac ft)	Net Evaporation (gal)	Calculated Net Inflow (gal)	Depleted Net Inflow (gal)	Supplemental Groundwater Release (gal)	Comments
1				0.35	0.35	0.25	0.06	19551	19551	19551		
2				0.35	0.35	0.25	0.06	19551	19551	19551		
3				0.35	0.35	0.25	0.06	19551	19551	19551		
				0.35	0.35	0.25	0.06	19551	19551	19551		
5				0.35	0.35	0.25	0.06	19551	19551	19551		
6				0.35	0.35	0.25	0.06	19551	19551	19551		
7				0.35	0.35	0.25	0.06	19551	19551	19551	136857	
8				0.35	0.35	0.25	0.06	19551	19551	19551		
9				0.35	0.35	0.25	0.06	19551	19551	19551		
10				0.35	0.35	0.25	0.06	19551	19551	19551		
11				0.35	0.35	0.25	0.06	19551	19551	19551		
12				0.35	0.35	0.25	0.06	19551	19551	19551		
13				0.35	0.35	0.25	0.06	19551	19551	19551		
1				0.35	0.35	0.25	0.06	19551	19551	19551	136857	
15				0.35	0.35	0.25	0.06	19551	19551	19551		
16				0.35	0.35	0.25	0.06	19551	19551	19551		
17				0.35	0.35	0.25	0.06	19551	19551	19551		
18				0.35	0.35	0.25	0.06	19551	19551	19551		
19				0.35	0.35	0.25	0.06	19551	19551	19551		
20				0.35	0.35	0.25	0.06	19551	19551	19551		
21				0.35	0.35	0.25	0.06	19551	19551	19551	136857	
2				0.35	0.35	0.25	0.06	19551	19551	19551		
23				0.35	0.35	0.25	0.06	19551	19551	19551		
24				0.35	0.35	0.25	0.06	19551	19551	19551		
25				0.35	0.35	0.25	0.06	19551	19551	19551		
26				0.35	0.35	0.25	0.06	19551	19551	19551		
27				0.35	0.35	0.25	0.06	19551	19551	19551		
28				0.35	0.35	0.25	0.06	19551	19551	19551		
29				0.35	0.35	0.25	0.06	19551	19551	19551		
30				0.35	0.35	0.25	0.06	19551	19551	19551	136857	
31				0.35	0.35	0.25	0.06	19551	19551	19551		
32				0.35	0.35	0.25	0.06	19551	19551	19551		
33				0.35	0.35	0.25	0.06	19551	19551	19551		
4				0.35	0.35	0.25	0.06	19551	19551	19551		
35				0.35	0.35	0.25	0.06	19551	19551	19551		
36				0.35	0.35	0.25	0.06	19551	19551	19551		
37				0.35	0.35	0.25	0.06	19551	19551	19551	136857	
38				0.35	0.35	0.25	0.06	19551	19551	19551		
39				0.35	0.35	0.25	0.06	19551	19551	19551		
0				0.35	0.35	0.25	0.06	19551	19551	19551	58653	
1												**Summed Data**

606081	**606081**	**606081**

Erwin Farms Phase 3
Water Accounting Record
September

Signed:
Date:

Lake Surface Area (acres) 2.99
Pan Factor 0.7

Day	Groundwater Volume (gal)	Lake Lewisville Precipitation (in)	Lake Lewisville Evaporation Rate (in)	Defau t Evaporation Rate (in)	otal Evaporation Rate (in)	Net Evaporation Rate (in)	Net Evaporation (ac ft)	Net Evaporation (gal)	Calculated Net Inflow (gal)	Depleted Net Inflow (gal)	Supplemental Groundwater Release (gal)	Comments
1				0.27	0.27	0.2	0.05	16293	16293	16293		
2				0.27	0.27	0.2	0.05	16293	16293	16293		
3				0.27	0.27	0.2	0.05	16293	16293	16293		
				0.27	0.27	0.2	0.05	16293	16293	16293		
5				0.27	0.27	0.2	0.05	16293	16293	16293		
6				0.27	0.27	0.2	0.05	16293	16293	16293		
7				0.27	0.27	0.2	0.05	16293	16293	16293	11 051	
8				0.27	0.27	0.2	0.05	16293	16293	16293		
9				0.27	0.27	0.2	0.05	16293	16293	16293		
10				0.27	0.27	0.2	0.05	16293	16293	16293		
11				0.27	0.27	0.2	0.05	16293	16293	16293		
12				0.27	0.27	0.2	0.05	16293	16293	16293		
13				0.27	0.27	0.2	0.05	16293	16293	16293		
1				0.27	0.27	0.2	0.05	16293	16293	16293	11 051	
15				0.27	0.27	0.2	0.05	16293	16293	16293		
16				0.27	0.27	0.2	0.05	16293	16293	16293		
17				0.27	0.27	0.2	0.05	16293	16293	16293		
18				0.27	0.27	0.2	0.05	16293	16293	16293		
19				0.27	0.27	0.2	0.05	16293	16293	16293		
20				0.27	0.27	0.2	0.05	16293	16293	16293		
21				0.27	0.27	0.2	0.05	16293	16293	16293	11 051	
22				0.27	0.27	0.2	0.05	16293	16293	16293		
23				0.27	0.27	0.2	0.05	16293	16293	16293		
2				0.27	0.27	0.2	0.05	16293	16293	16293		
25				0.27	0.27	0.2	0.05	16293	16293	16293		
26				0.27	0.27	0.2	0.05	16293	16293	16293		
27				0.27	0.27	0.2	0.05	16293	16293	16293		
28				0.27	0.27	0.2	0.05	16293	16293	16293		
29				0.27	0.27	0.2	0.05	16293	16293	16293		
30				0.27	0.27	0.2	0.05	16293	16293	16293	11 051	
31				0.27	0.27	0.2	0.05	16293	16293	16293		
32				0.27	0.27	0.2	0.05	16293	16293	16293		
33				0.27	0.27	0.2	0.05	16293	16293	16293		
3				0.27	0.27	0.2	0.05	16293	16293	16293		
35				0.27	0.27	0.2	0.05	16293	16293	16293		
36				0.27	0.27	0.2	0.05	16293	16293	16293		
37				0.27	0.27	0.2	0.05	16293	16293	16293	11 051	
38				0.27	0.27	0.2	0.05	16293	16293	16293		
39				0.27	0.27	0.2	0.05	16293	16293	16293	32586	
0										**Summed Data**	**488790**	**488790**	**488790**

Erwin Farms Phase 3
Water Accounting Record
October

Lake Surface Area (acres) 2.99
Pan Factor 0.78

Signed:
Date:

Day	Groundwater Volume (gal)	Lake Lewisville Precipitation (in)	Lake Lewisville Evaporation Rate (in)	Defau t Evaporation Rate (in)	otal Evaporation Rate (in)	Net Evaporation Rate (in)	Net Evaporation (ac ft)	Net Evaporation (gal)	Calculated Net Inflow (gal)	Depleted Net Inflow (gal)	Supplemental Groundwater Release (gal)	Comments
1				0.2	0.2	0.16	0.0	1303	1303	1303		
2				0.2	0.2	0.16	0.0	1303	1303	1303		
3				0.2	0.2	0.16	0.0	1303	1303	1303		
				0.2	0.2	0.16	0.0	1303	1303	1303		
5				0.2	0.2	0.16	0.0	1303	1303	1303		
6				0.2	0.2	0.16	0.0	1303	1303	1303		
7				0.2	0.2	0.16	0.0	1303	1303	1303	91238	
8				0.2	0.2	0.16	0.0	1303	1303	1303		
9				0.2	0.2	0.16	0.0	1303	1303	1303		
10				0.2	0.2	0.16	0.0	1303	1303	1303		
11				0.2	0.2	0.16	0.0	1303	1303	1303		
12				0.2	0.2	0.16	0.0	1303	1303	1303		
13				0.2	0.2	0.16	0.0	1303	1303	1303		
1				0.2	0.2	0.16	0.0	1303	1303	1303	91238	
15				0.2	0.2	0.16	0.0	1303	1303	1303		
16				0.2	0.2	0.16	0.0	1303	1303	1303		
17				0.2	0.2	0.16	0.0	1303	1303	1303		
18				0.2	0.2	0.16	0.0	1303	1303	1303		
19				0.2	0.2	0.16	0.0	1303	1303	1303		
20				0.2	0.2	0.16	0.0	1303	1303	1303		
21				0.2	0.2	0.16	0.0	1303	1303	1303		
22				0.2	0.2	0.16	0.0	1303	1303	1303		
23				0.2	0.2	0.16	0.0	1303	1303	1303	91238	
2				0.2	0.2	0.16	0.0	1303	1303	1303		
25				0.2	0.2	0.16	0.0	1303	1303	1303		
26				0.2	0.2	0.16	0.0	1303	1303	1303		
27				0.2	0.2	0.16	0.0	1303	1303	1303		
28				0.2	0.2	0.16	0.0	1303	1303	1303		
29				0.2	0.2	0.16	0.0	1303	1303	1303		
30				0.2	0.2	0.16	0.0	1303	1303	1303	91238	
31				0.2	0.2	0.16	0.0	1303	1303	1303		
32				0.2	0.2	0.16	0.0	1303	1303	1303		
33				0.2	0.2	0.16	0.0	1303	1303	1303		
4				0.2	0.2	0.16	0.0	1303	1303	1303		
35				0.2	0.2	0.16	0.0	1303	1303	1303		
36				0.2	0.2	0.16	0.0	1303	1303	1303		
37				0.2	0.2	0.16	0.0	1303	1303	1303	91238	
38				0.2	0.2	0.16	0.0	1303	1303	1303		
39				0.2	0.2	0.16	0.0	1303	1303	1303		
0				0.2	0.2	0.16	0.0	1303	1303	1303	39102	
1												**Summed Data**

404054	**404054**	**404054**

Erwin Farms Phase 3
Water Accounting Record
November

Signed:
Date:

Lake Surface Area (acres) 2.99
Pan Factor 0.81

Day	Groundwater Volume (gal)	Lake Lewisville Precipitation (in)	Lake Lewisville Evaporation Rate (in)	Defau t Evaporation Rate (in)	otal Evaporation Rate (in)	Net Evaporation Rate (in)	Net Evaporation (ac ft)	Net Evaporation (gal)	Calculated Net Inflow (gal)	Depleted Net Inflow (gal)	Supplemental Groundwater Release (gal)	Comments
1				0.1	0.1	0.11	0.03	9776	9776	9776		
2				0.1	0.1	0.11	0.03	9776	9776	9776		
3				0.1	0.1	0.11	0.03	9776	9776	9776		
				0.1	0.1	0.11	0.03	9776	9776	9776		
5				0.1	0.1	0.11	0.03	9776	9776	9776		
6				0.1	0.1	0.11	0.03	9776	9776	9776		
7				0.1	0.1	0.11	0.03	9776	9776	9776	68 32	
8				0.1	0.1	0.11	0.03	9776	9776	9776		
9				0.1	0.1	0.11	0.03	9776	9776	9776		
10				0.1	0.1	0.11	0.03	9776	9776	9776		
11				0.1	0.1	0.11	0.03	9776	9776	9776		
12				0.1	0.1	0.11	0.03	9776	9776	9776		
13				0.1	0.1	0.11	0.03	9776	9776	9776		
1				0.1	0.1	0.11	0.03	9776	9776	9776	68 32	
15				0.1	0.1	0.11	0.03	9776	9776	9776		
16				0.1	0.1	0.11	0.03	9776	9776	9776		
17				0.1	0.1	0.11	0.03	9776	9776	9776		
18				0.1	0.1	0.11	0.03	9776	9776	9776		
19				0.1	0.1	0.11	0.03	9776	9776	9776		
20				0.1	0.1	0.11	0.03	9776	9776	9776		
21				0.1	0.1	0.11	0.03	9776	9776	9776	68 32	
22				0.1	0.1	0.11	0.03	9776	9776	9776		
23				0.1	0.1	0.11	0.03	9776	9776	9776		
2				0.1	0.1	0.11	0.03	9776	9776	9776		
25				0.1	0.1	0.11	0.03	9776	9776	9776		
26				0.1	0.1	0.11	0.03	9776	9776	9776		
27				0.1	0.1	0.11	0.03	9776	9776	9776		
28				0.1	0.1	0.11	0.03	9776	9776	9776		
29				0.1	0.1	0.11	0.03	9776	9776	9776		
30				0.1	0.1	0.11	0.03	9776	9776	9776	68 32	
31				0.1	0.1	0.11	0.03	9776	9776	9776		
32				0.1	0.1	0.11	0.03	9776	9776	9776		
33				0.1	0.1	0.11	0.03	9776	9776	9776		
3				0.1	0.1	0.11	0.03	9776	9776	9776		
35				0.1	0.1	0.11	0.03	9776	9776	9776		
36				0.1	0.1	0.11	0.03	9776	9776	9776		
37				0.1	0.1	0.11	0.03	9776	9776	9776	68 32	
38				0.1	0.1	0.11	0.03	9776	9776	9776		
39				0.1	0.1	0.11	0.03	9776	9776	9776	19552	
0										**Summed Data**	**293280**	**293280**	**293280**

Erwin Farms Phase 3
Water Accounting Record
December

Signed:
Date:

Lake Surface Area (acres) 2.99
Pan Factor 0.78

Day	Groundwater Volume (gal)	Lake Lewisville Precipitation (in)	Lake Lewisville Evaporation Rate (in)	Defau t Evaporation Rate (in)	otal Evaporation Rate (in)	Net Evaporation Rate (in)	Net Evaporation (ac ft)	Net Evaporation (gal)	Calculated Net Inflow (gal)	Depleted Net Inflow (gal)	Supplemental Groundwater Release (gal)	Comments
1				0.11	0.11	0.09	0.02	6517	6517	6517		
2				0.11	0.11	0.09	0.02	6517	6517	6517		
3				0.11	0.11	0.09	0.02	6517	6517	6517		
				0.11	0.11	0.09	0.02	6517	6517	6517		
5				0.11	0.11	0.09	0.02	6517	6517	6517		
6				0.11	0.11	0.09	0.02	6517	6517	6517		
7				0.11	0.11	0.09	0.02	6517	6517	6517		
8				0.11	0.11	0.09	0.02	6517	6517	6517		
9				0.11	0.11	0.09	0.02	6517	6517	6517		
10				0.11	0.11	0.09	0.02	6517	6517	6517		
11				0.11	0.11	0.09	0.02	6517	6517	6517		
12				0.11	0.11	0.09	0.02	6517	6517	6517		
13				0.11	0.11	0.09	0.02	6517	6517	6517		
1	5			0.11	0.11	0.09	0.02	6517	6517	6517		
15	6			0.11	0.11	0.09	0.02	6517	6517	6517		
16	7			0.11	0.11	0.09	0.02	6517	6517	6517		
17	8			0.11	0.11	0.09	0.02	6517	6517	6517		
18	9			0.11	0.11	0.09	0.02	6517	6517	6517		
19	10			0.11	0.11	0.09	0.02	6517	6517	6517		
20	11			0.11	0.11	0.09	0.02	6517	6517	6517		
21	12			0.11	0.11	0.09	0.02	6517	6517	6517		
22	13			0.11	0.11	0.09	0.02	6517	6517	6517		
23	1			0.11	0.11	0.09	0.02	6517	6517	6517	91238	
2	15			0.11	0.11	0.09	0.02	6517	6517	6517		
25	16			0.11	0.11	0.09	0.02	6517	6517	6517		
26	17			0.11	0.11	0.09	0.02	6517	6517	6517		
27	18			0.11	0.11	0.09	0.02	6517	6517	6517		
28	19			0.11	0.11	0.09	0.02	6517	6517	6517		
29	20			0.11	0.11	0.09	0.02	6517	6517	6517		
30	21			0.11	0.11	0.09	0.02	6517	6517	6517		
31	22			0.11	0.11	0.09	0.02	6517	6517	6517		
32	23			0.11	0.11	0.09	0.02	6517	6517	6517		
33	2			0.11	0.11	0.09	0.02	6517	6517	6517		
3	25			0.11	0.11	0.09	0.02	6517	6517	6517		
35	26			0.11	0.11	0.09	0.02	6517	6517	6517		
36	27			0.11	0.11	0.09	0.02	6517	6517	6517		
37	28			0.11	0.11	0.09	0.02	6517	6517	6517	91238	
38	29			0.11	0.11	0.09	0.02	6517	6517	6517		
39	30			0.11	0.11	0.09	0.02	6517	6517	6517		
0	31			0.11	0.11	0.09	0.02	6517	6517	6517	19551	
1												**Summed Data** **202027** **202027** **202027**

Month	Days in Month	TWDB 75th Percentile Monthly Rate (in)	Daily Pan Rate (in)	Pan Factor
January	31	2.34	0.10	0.74
February	28	2.80	0.14	0.71
March	31	4.23	0.19	0.70
April	30	5.06	0.25	0.68
May	31	5.14	0.27	0.61
June	30	6.82	0.33	0.68
July	31	8.16	0.38	0.70
August	31	7.63	0.35	0.71
September	30	6.02	0.27	0.74
October	31	4.74	0.20	0.78
November	30	3.46	0.14	0.81
December	31	2.72	0.11	0.78

TWDB Link
https://waterdatafortexas.org/lake-evaporation-rainfall

Texas Water Development Board
Monthly Pan Coefficients Used in ThEvap

Quad	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
410	0.73	0.7	0.69	0.67	0.6	0.67	0.69	0.7	0.73
411	0.74	0.71	0.7	0.68	0.61	0.68	0.7	0.71	0.74
412	0.75	0.72	0.71	0.69	0.62	0.69	0.71	0.72	0.75
413	0.76	0.73	0.72	0.71	0.65	0.71	0.72	0.73	0.76
414	0.77	0.74	0.73	0.72	0.66	0.72	0.73	0.74	0.77
501	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
502	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
503	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
504	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
505	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
506	0.71	0.68	0.68	0.65	0.58	0.65	0.67	0.68	0.71
507	0.72	0.69	0.68	0.65	0.57	0.65	0.68	0.69	0.72
508	0.72	0.69	0.68	0.65	0.57	0.65	0.68	0.69	0.72
509	0.73	0.7	0.69	0.67	0.6	0.67	0.69	0.7	0.73
510	0.73	0.7	0.69	0.67	0.6	0.67	0.69	0.7	0.73
511	0.74	0.71	0.7	0.68	0.61	0.68	0.7	0.71	0.74
512	0.75	0.72	0.71	0.69	0.62	0.69	0.71	0.72	0.75
513	0.76	0.73	0.72	0.71	0.65	0.71	0.72	0.73	0.76
514	0.77	0.74	0.73	0.72	0.66	0.72	0.73	0.74	0.77
601	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
602	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
603	0.69	0.67	0.67	0.66	0.61	0.66	0.67	0.67	0.69
604	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
605	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
606	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
607	0.72	0.69	0.68	0.67	0.61	0.67	0.68	0.69	0.72
608	0.72	0.69	0.68	0.67	0.61	0.67	0.68	0.69	0.72
609	0.73	0.7	0.69	0.67	0.6	0.67	0.69	0.7	0.73
610	0.73	0.7	0.69	0.67	0.6	0.67	0.69	0.7	0.73
611	0.74	0.71	0.7	0.69	0.63	0.69	0.7	0.71	0.74
612	0.75	0.72	0.71	0.69	0.62	0.69	0.71	0.72	0.75
613	0.75	0.73	0.73	0.72	0.67	0.72	0.73	0.73	0.75
614	0.76	0.74	0.74	0.73	0.68	0.73	0.74	0.74	0.76
701	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
702	0.68	0.67	0.66	0.64	0.6	0.66	0.67	0.68	0.71
703	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
704	0.69	0.67	0.67	0.66	0.61	0.66	0.67	0.67	0.69
705	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
706	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
707	0.72	0.69	0.68	0.67	0.61	0.67	0.68	0.69	0.72
708	0.72	0.69	0.68	0.67	0.61	0.67	0.68	0.69	0.72

709	0.73	0.7	0.69	0.67	0.6	0.67	0.69	0.7	0.73
710	0.73	0.7	0.69	0.67	0.6	0.67	0.69	0.7	0.73
711	0.73	0.71	0.71	0.7	0.65	0.7	0.71	0.71	0.73
712	0.74	0.72	0.72	0.71	0.66	0.71	0.72	0.72	0.74
713	0.75	0.73	0.73	0.72	0.67	0.72	0.73	0.73	0.75
714	0.76	0.74	0.74	0.73	0.68	0.73	0.74	0.74	0.76
801	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
802	0.68	0.67	0.66	0.64	0.6	0.66	0.67	0.68	0.71
803	0.69	0.67	0.67	0.66	0.61	0.66	0.67	0.67	0.69
804	0.69	0.67	0.67	0.66	0.61	0.66	0.67	0.67	0.69
805	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
806	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
807	0.72	0.69	0.68	0.67	0.61	0.67	0.68	0.69	0.72
808	0.71	0.69	0.69	0.68	0.63	0.68	0.69	0.69	0.71
809	0.72	0.7	0.7	0.69	0.64	0.69	0.7	0.7	0.72
810	0.72	0.7	0.7	0.69	0.64	0.69	0.7	0.7	0.72
811	0.73	0.71	0.71	0.7	0.65	0.7	0.71	0.71	0.73
812	0.74	0.72	0.72	0.72	0.68	0.72	0.72	0.72	0.74
813	0.75	0.73	0.73	0.73	0.69	0.73	0.73	0.73	0.75
814	0.76	0.74	0.74	0.73	0.68	0.73	0.74	0.74	0.76
901	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
902	0.68	0.67	0.66	0.64	0.6	0.66	0.67	0.68	0.71
903	0.69	0.67	0.67	0.66	0.61	0.66	0.67	0.67	0.69
904	0.69	0.67	0.67	0.66	0.61	0.66	0.67	0.67	0.69
905	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
906	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
907	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
908	0.71	0.69	0.69	0.68	0.63	0.68	0.69	0.69	0.71
909	0.72	0.7	0.7	0.69	0.64	0.69	0.7	0.7	0.72
910	0.72	0.7	0.7	0.69	0.64	0.69	0.7	0.7	0.72
911	0.73	0.71	0.71	0.7	0.65	0.7	0.71	0.71	0.73
912	0.74	0.72	0.72	0.72	0.68	0.72	0.72	0.72	0.74
913	0.74	0.72	0.72	0.72	0.68	0.72	0.72	0.72	0.74
914	0.74	0.72	0.72	0.72	0.68	0.72	0.72	0.72	0.74
1001	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
1002	0.68	0.67	0.66	0.64	0.6	0.66	0.67	0.68	0.71
1003	0.69	0.67	0.67	0.66	0.61	0.66	0.67	0.67	0.69
1004	0.69	0.67	0.67	0.66	0.61	0.66	0.67	0.67	0.69
1005	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
1006	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
1007	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
1008	0.71	0.69	0.69	0.68	0.63	0.68	0.69	0.69	0.71
1009	0.72	0.7	0.7	0.69	0.64	0.69	0.7	0.7	0.72
1010	0.72	0.7	0.7	0.7	0.66	0.7	0.7	0.7	0.72
1011	0.73	0.71	0.71	0.7	0.65	0.7	0.71	0.71	0.73
1012	0.74	0.72	0.72	0.72	0.68	0.72	0.72	0.72	0.74
1013	0.74	0.72	0.72	0.72	0.68	0.72	0.72	0.72	0.74

1014	0.74	0.72	0.72	0.72	0.68	0.72	0.72	0.72	0.74
1101	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
1102	0.68	0.67	0.66	0.64	0.6	0.66	0.67	0.68	0.71
1103	0.69	0.67	0.67	0.66	0.61	0.66	0.67	0.67	0.69
1104	0.69	0.67	0.67	0.66	0.61	0.66	0.67	0.67	0.69
1105	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
1106	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
1107	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
1108	0.71	0.69	0.69	0.69	0.65	0.69	0.69	0.69	0.71
1109	0.72	0.7	0.7	0.7	0.66	0.7	0.7	0.7	0.72
1110	0.72	0.7	0.7	0.7	0.66	0.7	0.7	0.7	0.72
1111	0.73	0.71	0.71	0.7	0.65	0.7	0.71	0.71	0.73
1112	0.74	0.72	0.72	0.72	0.68	0.72	0.72	0.72	0.74
1113	0.74	0.72	0.72	0.72	0.68	0.72	0.72	0.72	0.74
1114	0.74	0.72	0.72	0.72	0.68	0.72	0.72	0.72	0.74
1201	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
1202	0.68	0.67	0.66	0.64	0.6	0.66	0.67	0.68	0.71
1203	0.69	0.67	0.67	0.66	0.61	0.66	0.67	0.67	0.69
1204	0.69	0.67	0.67	0.66	0.61	0.66	0.67	0.67	0.69
1205	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
1206	0.7	0.67	0.66	0.65	0.59	0.65	0.66	0.67	0.7
1207	0.71	0.68	0.67	0.66	0.6	0.66	0.67	0.68	0.71
1208	0.71	0.69	0.69	0.69	0.65	0.69	0.69	0.69	0.71
1209	0.72	0.7	0.7	0.7	0.66	0.7	0.7	0.7	0.72
1210	0.72	0.7	0.7	0.7	0.66	0.7	0.7	0.7	0.72
1211	0.73	0.71	0.71	0.7	0.65	0.7	0.71	0.71	0.73
1212	0.74	0.72	0.72	0.72	0.68	0.72	0.72	0.72	0.74
1213	0.74	0.72	0.72	0.72	0.68	0.72	0.72	0.72	0.74
1214	0.74	0.72	0.72	0.72	0.68	0.72	0.72	0.72	0.74

Oct	Nov	Dec	Ann
0.77	0.8	0.77	0.7
0.78	0.81	0.78	0.71
0.79	0.82	0.79	0.72
0.79	0.81	0.79	0.73
0.8	0.82	0.8	0.74
0.74	0.76	0.74	0.68
0.74	0.76	0.74	0.68
0.73	0.75	0.73	0.67
0.73	0.75	0.73	0.67
0.73	0.75	0.73	0.67
0.75	0.78	0.75	0.68
0.77	0.81	0.77	0.69
0.77	0.81	0.77	0.69
0.77	0.8	0.77	0.7
0.77	0.8	0.77	0.7
0.78	0.81	0.78	0.71
0.79	0.82	0.79	0.72
0.79	0.81	0.79	0.73
0.8	0.82	0.8	0.74
0.74	0.76	0.74	0.68
0.74	0.76	0.74	0.68
0.72	0.73	0.72	0.67
0.73	0.75	0.73	0.67
0.73	0.75	0.73	0.67
0.74	0.76	0.74	0.68
0.75	0.77	0.75	0.69
0.75	0.77	0.75	0.69
0.77	0.8	0.77	0.7
0.77	0.8	0.77	0.7
0.77	0.79	0.77	0.71
0.79	0.82	0.79	0.72
0.78	0.79	0.78	0.73
0.79	0.8	0.79	0.74
0.74	0.76	0.74	0.68
0.74	0.76	0.74	0.68
0.73	0.75	0.73	0.67
0.72	0.73	0.72	0.67
0.73	0.75	0.73	0.67
0.73	0.75	0.73	0.67
0.75	0.77	0.75	0.69
0.75	0.77	0.75	0.69

0.77	0.8	0.77	0.7
0.77	0.8	0.77	0.7
0.76	0.77	0.76	0.71
0.77	0.78	0.77	0.72
0.78	0.79	0.78	0.73
0.79	0.8	0.79	0.74
0.74	0.76	0.74	0.68
0.74	0.76	0.74	0.68
0.72	0.73	0.72	0.67
0.72	0.73	0.72	0.67
0.73	0.75	0.73	0.67
0.73	0.75	0.73	0.67
0.75	0.77	0.75	0.69
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0.76	0.76	0.76	0.72
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0.79	0.8	0.79	0.74
0.74	0.76	0.74	0.68
0.74	0.76	0.74	0.68
0.72	0.73	0.72	0.67
0.72	0.73	0.72	0.67
0.73	0.75	0.73	0.67
0.73	0.75	0.73	0.67
0.74	0.76	0.74	0.68
0.74	0.75	0.74	0.69
0.75	0.76	0.75	0.7
0.75	0.76	0.75	0.7
0.76	0.77	0.76	0.71
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0.74	0.76	0.74	0.68
0.74	0.76	0.74	0.68
0.72	0.73	0.72	0.67
0.72	0.73	0.72	0.67
0.73	0.75	0.73	0.67
0.73	0.75	0.73	0.67
0.74	0.76	0.74	0.68
0.74	0.75	0.74	0.69
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0.74	0.74	0.74	0.7
0.76	0.77	0.76	0.71
0.76	0.76	0.76	0.72
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0.76	0.76	0.76	0.72
0.74	0.76	0.74	0.68
0.74	0.76	0.74	0.68
0.72	0.73	0.72	0.67
0.72	0.73	0.72	0.67
0.73	0.75	0.73	0.67
0.73	0.75	0.73	0.67
0.74	0.76	0.74	0.68
0.73	0.73	0.73	0.69
0.74	0.74	0.74	0.7
0.74	0.74	0.74	0.7
0.76	0.77	0.76	0.71
0.76	0.76	0.76	0.72
0.76	0.76	0.76	0.72
0.76	0.76	0.76	0.72
0.74	0.76	0.74	0.68
0.74	0.76	0.74	0.68
0.72	0.73	0.72	0.67
0.72	0.73	0.72	0.67
0.73	0.75	0.73	0.67
0.73	0.75	0.73	0.67
0.74	0.76	0.74	0.68
0.73	0.73	0.73	0.69
0.74	0.74	0.74	0.7
0.74	0.74	0.74	0.7
0.76	0.77	0.76	0.71
0.76	0.76	0.76	0.72
0.76	0.76	0.76	0.72
0.76	0.76	0.76	0.72

EVAP DATA SOURCE: https://waterdatafortexas.org/lake-evaporation-rainfall

Texas Water Developm

Monthly lake surface evaporation in inches, a

#QUAD	YEAR	JAN	FEB	MAR	APR	MAY	JUN
411	1954	1.23	4.22	4.94	5.55	4.06	6.96
411	1955	1.74	1.84	4.02	4.47	5.18	6.97
411	1956	2.08	2.20	4.85	5.78	6.13	8.44
411	1957	1.85	1.79	2.73	2.78	3.20	6.03
411	1958	1.40	1.56	2.37	3.49	4.18	6.56
411	1959	1.31	2.06	4.78	4.66	4.97	5.64
411	1960	1.42	1.93	2.86	4.33	5.13	6.79
411	1961	1.34	1.79	3.92	4.92	4.72	6.09
411	1962	1.61	2.61	3.72	4.00	6.09	5.03
411	1963	1.62	2.02	5.03	4.84	4.82	6.69
411	1964	1.91	2.14	3.92	4.61	4.75	6.81
411	1965	2.14	1.74	2.96	5.38	4.20	5.58
411	1966	1.48	1.48	4.70	4.47	4.32	5.81
411	1967	2.78	3.03	5.65	3.87	4.80	6.46
411	1968	1.11	1.80	3.45	4.12	4.10	5.70
411	1969	2.02	2.18	3.18	4.28	3.92	7.22
411	1970	0.92	2.64	2.76	3.90	4.95	5.46
411	1971	2.23	2.67	5.16	5.79	5.15	7.55
411	1972	1.72	2.80	4.35	5.48	5.19	7.13
411	1973	1.25	1.90	4.23	3.48	5.14	5.23
411	1974	1.53	3.65	4.56	5.84	5.61	6.73
411	1975	2.23	2.03	3.16	4.54	3.72	6.12
411	1976	3.17	3.83	3.68	4.15	3.98	5.68
411	1977	1.43	2.80	4.67	4.98	5.15	7.09
411	1978	1.40	1.42	3.35	5.30	5.02	7.05
411	1979	2.29	1.43	3.69	4.01	4.98	6.80
411	1980	2.16	2.77	4.05	5.10	4.74	8.25
411	1981	2.06	2.00	3.97	4.83	4.37	6.17
411	1982	2.40	1.92	3.44	3.99	3.97	5.23
411	1983	1.95	1.71	3.46	4.13	4.33	5.27
411	1984	1.59	3.02	3.51	4.90	5.36	6.62
411	1985	1.50	1.25	3.62	4.67	4.86	6.82
411	1986	2.81	2.45	4.81	4.02	3.94	5.76
411	1987	2.35	2.25	2.94	5.37	4.19	5.86
411	1988	2.14	2.32	3.50	5.10	5.79	7.42
411	1989	2.24	2.36	3.82	5.23	5.07	5.13
411	1990	2.95	2.46	2.97	3.61	4.36	7.06
411	1991	1.94	2.34	4.36	3.88	4.59	6.36
411	1992	2.37	2.26	4.06	4.15	3.90	5.24
411	1993	1.68	1.89	3.23	4.33	4.45	5.76
411	1994	1.89	1.62	3.96	4.65	3.61	6.00
411	1995	1.94	2.45	2.50	4.07	3.91	5.62
411	1996	2.77	5.29	4.06	5.42	5.94	6.34
411	1997	2.44	2.11	3.70	4.33	4.63	5.62
411	1998	1.40	1.79	3.00	5.26	5.26	7.94
411	1999	1.91	2.31	3.81	4.57	4.69	6.37
411	2000	3.09	3.78	3.39	3.84	4.48	4.77
411	2001	2.14	1.92	2.76	3.75	4.40	5.89

411	2002	2.10	2.92	3.20	3.99	4.06	5.83
411	2003	2.03	2.14	3.41	5.08	4.30	5.20
411	2004	2.10	2.14	4.00	4.00	4.57	4.50
411	2005	2.11	2.30	3.90	4.49	4.28	6.42
411	2006	4.30	2.98	4.47	4.89	5.45	6.64
411	2007	2.78	2.69	3.93	3.69	3.83	5.05
411	2008	2.47	3.03	4.01	4.66	4.77	6.76
411	2009	2.31	3.34	4.40	4.72	3.62	6.18
411	2010	2.32	2.88	3.88	4.64	4.98	6.38
411	2011	1.84	2.41	4.23	6.12	5.09	7.10
411	2012	2.42	2.75	4.10	3.92	5.83	6.41
411	2013	2.52	3.00	4.35	4.66	4.72	7.36
411	2014	1.84	2.43	2.07	5.33	5.84	6.00
411	2015	1.64	2.82	2.92	6.32	5.58	8.95
411	2016	2.12	3.32	4.03	4.55	4.67	6.72
411	2017	2.75	3.75	4.32	4.55	4.76	5.39
411	2018	2.39	1.82	3.90	3.98	5.60	7.17
411	2019	2.12	2.05	3.32	4.64	4.43	5.52

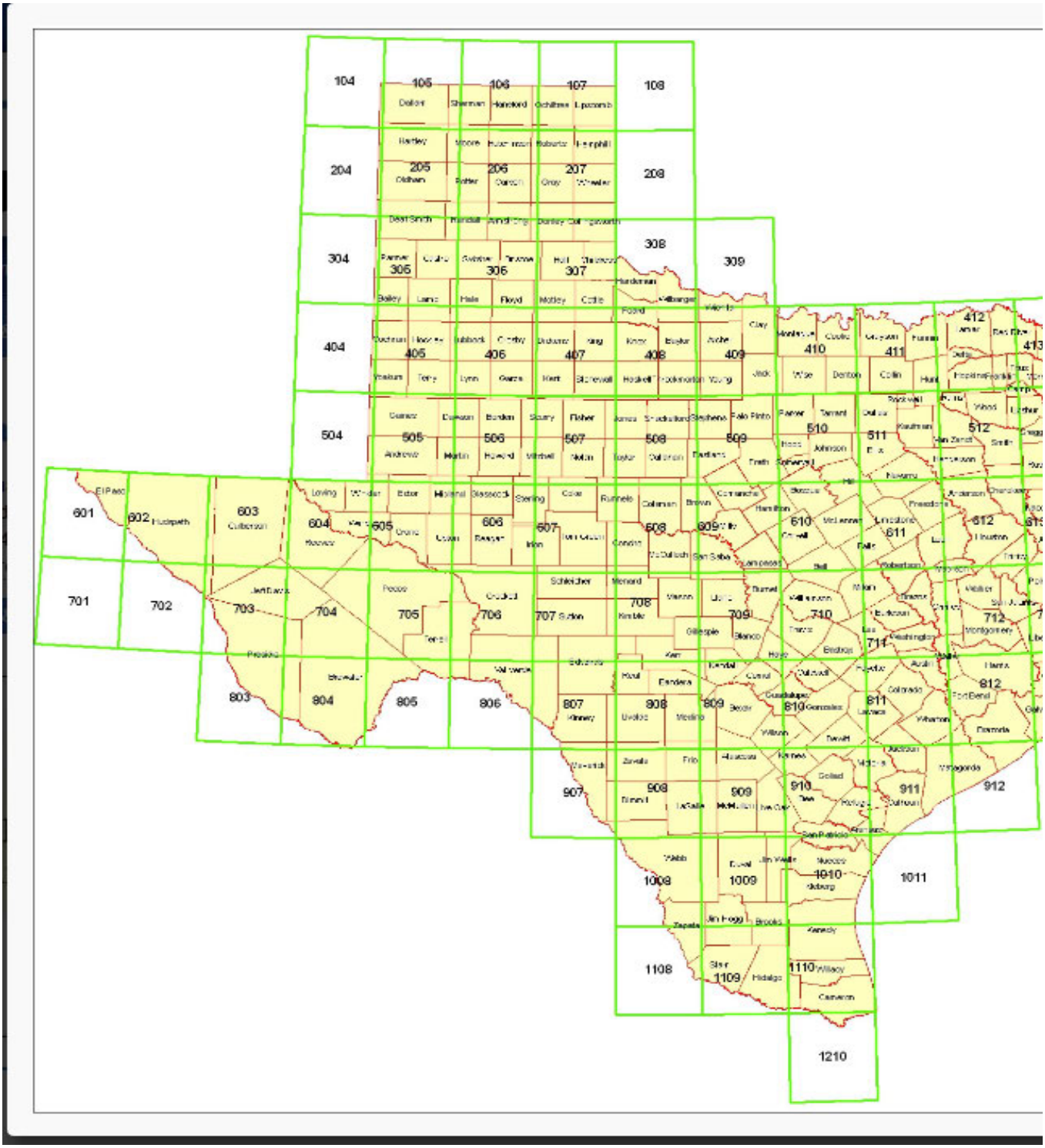
75th Percentile:	2.34	2.80	4.23	5.06	5.14	6.82

ent Board

nnual total evaporation in inches

JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
9.25	10.61	7.37	4.25	2.99	2.44	63.87
8.09	7.28	6.47	6.00	4.32	2.42	58.80
9.43	11.14	8.82	5.43	3.36	2.63	70.29
8.17	7.21	5.42	3.63	1.76	2.31	46.88
8.50	6.81	4.54	3.57	3.17	1.69	47.84
5.84	6.56	5.63	4.25	2.14	2.02	49.86
6.50	6.26	5.10	3.48	2.60	1.32	47.72
6.27	6.50	5.57	3.96	2.47	1.56	49.11
6.30	6.91	4.67	4.17	2.31	1.47	48.89
6.69	7.69	5.39	5.99	3.47	1.70	55.95
9.36	7.83	4.17	4.45	2.55	2.25	54.75
8.18	7.89	6.87	4.14	2.46	2.00	53.54
7.55	5.78	4.18	4.55	3.55	1.77	49.64
6.51	7.74	3.72	5.25	2.54	1.81	54.16
6.21	7.16	4.98	4.36	3.08	2.43	48.50
8.16	6.48	5.17	4.26	2.99	2.01	51.87
7.50	7.31	4.92	3.49	3.41	2.74	50.00
8.15	5.19	5.40	3.71	3.24	1.57	55.81
8.45	5.80	5.53	4.60	2.36	1.63	55.04
6.49	7.02	4.41	3.49	3.01	2.70	48.35
8.17	6.19	3.22	3.89	2.75	1.41	53.55
6.53	6.58	5.00	5.08	3.96	2.20	51.15
6.12	6.73	5.39	3.75	2.40	2.74	51.62
8.58	6.42	6.03	4.74	3.27	3.74	58.90
9.60	7.83	5.52	4.71	2.54	2.52	56.26
6.83	6.52	5.43	5.83	3.18	2.17	53.16
10.47	9.92	7.43	5.21	2.82	2.12	65.04
7.77	7.08	5.54	3.97	3.12	2.72	53.60
6.79	7.35	5.81	4.27	2.81	1.67	49.65
7.10	6.69	6.29	4.42	3.35	1.76	50.46
7.57	7.55	6.85	3.71	3.33	1.56	55.57
7.32	8.48	6.72	3.82	2.75	1.61	53.42
8.92	7.53	5.11	3.09	1.87	1.37	51.68
6.83	7.98	4.95	4.64	3.03	1.40	51.79
7.19	7.77	5.05	4.41	3.60	2.09	56.38
5.66	6.20	5.12	5.60	3.62	3.25	53.30
7.67	6.67	5.23	4.21	3.27	1.65	52.11
8.08	6.55	4.82	5.43	3.17	3.60	55.12
6.99	5.62	4.72	4.89	2.80	1.93	48.93
10.39	8.91	6.62	4.80	2.76	2.33	57.15
6.70	6.23	4.65	3.81	2.56	1.40	47.26
6.57	6.92	4.72	5.52	3.60	1.86	49.68
7.11	4.81	3.89	5.27	3.62	3.13	57.65
6.76	6.51	6.00	4.13	2.55	2.84	51.62
8.54	7.40	5.78	4.01	2.16	1.37	53.91
7.62	7.17	5.45	4.46	2.96	2.11	53.43
6.61	7.65	6.04	4.24	2.39	3.35	53.54
7.74	6.70	3.85	4.01	2.85	2.13	48.14

5.56	6.33	5.11	3.16	2.48	2.53	47.27
7.06	6.43	4.23	3.95	3.63	2.97	50.43
6.06	5.87	5.22	3.60	2.24	2.70	47.00
5.88	6.46	6.31	4.58	4.06	3.15	53.94
8.49	8.34	5.58	4.71	3.17	2.79	61.81
4.74	5.99	4.42	4.06	3.96	2.26	47.40
7.85	5.84	4.49	4.28	3.86	2.81	54.83
6.75	6.55	4.19	3.57	3.07	1.83	50.53
6.45	7.48	4.94	3.62	2.93	3.30	53.80
7.86	8.71	6.70	4.73	4.08	3.75	62.62
8.09	7.69	6.20	4.09	3.77	2.07	57.58
6.61	7.23	6.37	2.74	2.86	2.07	54.80
6.54	7.23	5.89	4.84	3.51	1.97	53.72
7.57	8.24	6.41	5.40	3.48	3.66	63.15
8.50	4.63	4.00	4.77	3.47	1.93	52.88
7.19	5.24	5.34	4.27	2.88	2.79	53.28
7.92	6.60	3.33	2.88	3.33	2.56	51.94
7.09	6.97	6.21	4.23	2.15	1.97	50.85
8.16	7.63	6.02	4.74	3.46	2.72	55.10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Tyler
Hardin
Orange

Re: Kiteboard Ranch 13828 TEAMS Mtg RFI

Jessica Garate [redacted]>
Mon 5/9/2022 9:03 AM
To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Thank you very much for the update!

Get Outlook for iOS

From: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Sent: Monday, May 9, 2022 8:35:57 AM
To: Jessica Garate [redacted]
Subject: Re: Kiteboard Ranch 13828 TEAMS Mtg RFI

Ms. Garate,
I have shared your email with Trent Gay and am waiting for a response. I will likely talk to him this afternoon. I will also talk to management about an extension and let you know whether I need anything from you.
You will hear from me soon.
Thank you,

Lillian E. Beerman, Ph.D.
Water Rights Permitting Team
Water Availability Division
512-239-4019
lillian.beerman@tceq.texas.gov

From: Jessica Garate [redacted]
Sent: Friday, May 6, 2022 4:43 PM
To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Cc: Curt Campbell [redacted]
Subject: RE: Kiteboard Ranch 13828 TEAMS Mtg RFI

Good afternoon, Ms. Beerman,

I just realized that we are coming up on the due date for the responses to the RFI for Kiteboard Ranch (WRPERM 13828), which is this upcoming Monday, May 9, 2022.

I apologize, but I was waiting to hear back from Trent on the Accounting Plan and we have not formulated a response to Comment #2 which addresses the inadequate compensation for evaporative losses. Is there any way to get an extension for a couple of weeks and we will come up with a plan to do that? Again, I apologize for not following up sooner on this!

WESTWARD

Jessica Garate, GIT
Staff Geologist
Westward Environmental, Inc.
4 Shooting Club Road / PO Box 2205
Boerne, TX 78006
830.249.8284 Phone
830.249.0221 Fax
www.westwardenv.com

RE: Kiteboard Ranch 13828 TEAMS Mtg RFI

Jessica Garate <[redacted]
Fri 4/22/2022 4:48 PM

To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

Great, thank you. And you do the same!

From: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Sent: Friday, April 22, 2022 4:47 PM
To: Jessica Garate [redacted]
Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Subject: Re: Kiteboard Ranch 13828 TEAMS Mtg RFI

Jessica,
I forwarded your email to Trent and will get back to you.
Thank you and have a nice weekend.

Lillian E. Beerman, Ph.D.

Water Rights Permitting Team

Water Availability Division

512-239-4019

lillian.beerman@tceq.texas.gov

From: Jessica Garate [redacted]>
Sent: Friday, April 22, 2022 4:40 PM
To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Cc: Curt Campbell <[redacted]
Subject: RE: Kiteboard Ranch 13828 TEAMS Mtg RFI

Thank you for the information, Ms. Beerman.

I came across an application using the search function on the TCEQ website that indicated Worksheet 7.0 and Accounting Plan are included. However, the attachment was not part of the available document (**Trinity_13779_Fields Headquarters et al.pdf**). Would it be possible to get access to this accounting plan (to see an example) if Mr. Gay does not have another to share? Thank you.

WESTWARD

Jessica Garate, GIT
Staff Geologist
Westward Environmental, Inc.
4 Shooting Club Road / PO Box 2205
Boerne, TX 78006
830.249.8284 Phone
830.249.0221 Fax
www.westwardenv.com

Kiteboard_Ranch_13828_TEAMS Mtg_RFI

Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Fri 4/22/2022 4:11 PM
To: Jessica Garate <[redacted]>
Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

1 attachments (34 KB)
Kiteboard_Ranch_13828_Email_Attach_List of Attendees_04.22.2022.docx;

Jessica Garate and Curt Campbell, P.E.

As follow-up to our meeting this afternoon regarding the TCEQ's Request for Information for Kiteboard Ranch, 13828, I am sending you a list of attendees and the link to the Water Availability Model used by our hydro team to estimate evaporative losses.

Water Availability Models
https://www.tceq.texas.gov/permitting/water_rights/wr_technical-resources/wam.html
Information about the Water Availability Model (WAM) and the Water Rights Analysis Package (WRAP). Explanation of various river basin input and GIS files.

When doing the analysis, our staff uses the "Full Authorization" for the select Basin.

Please keep us informed and feel free to reach out to me for any further questions and I will direct you to the appropriate staff.

Thank You,

Lillian E. Beerman, Ph.D.
Water Rights Permitting Team
Water Availability Division
512-239-4019
lillian.beerman@tceq.texas.gov

KITEBOARD RANCH
Application No. 13828 for a Water Use Permit
Guadalupe River Basin, Guadalupe County

TEAMS MEETING with Jessica Garate and Curt Campbell, P.E. of Westward Environmental

TCEQ Attendees

Name	Water Availability Team	Contact Information
Trent Gay	Surface Water Availability Team Leader	trent.gay@tceq.texas.gov 512-239-1825
Chris Kozlowski	Water Rights Permitting Team Leader	chris.kozlowski@tceq.texas.gov 512-239-1801
Lillian E. Beerman, Ph.D.	Water Rights Permitting/ Project Manager	Lillian.beerman@tceq.texas.gov 512-239-4019

PHONE MEMO

Kiteboard Ranch, LLC, WRPERM Application No. 13828

From: Lillian E. Beerman	To: Jessica Garate
Date: April 22, 2022	Permit: 13828
Phone: 830.249.8284	Re: Kiteboard Ranch RFI, set up TEAMS mtg

Held TEAMS conference call with Chris Kozlowski, Trent Gay, Jessica Garate, and Curt Campbell regarding the methods and data used to determine evaporative losses and Question 2 in the RFI.

The Applicant contacts from Westward Environmental used the data from the Texas Water Development Board.

TCEQ uses the Water Availability model which uses August 1956 as the month of record drought and 1954 for the year of record drought for their basin.

Discussed different methods for using the groundwater to maintain the dam at capacity. If they want to send in an accounting plan, they will need to complete Worksheet 7.

They asked for examples of accounting plans for similar dams.

Lillian E. Beerman, Ph.D. April 22, 2022

PHONE MEMO

Kiteboard Ranch, LLC, WRPERM Application No. 13828

From: Lillian E. Beerman	To: Jessica Garate
Date: April 19, 2022	Permit: 13828
Phone: 830.249.8284	Re: Kiteboard Ranch RFI, set up TEAMS mtg

Spoke with Ms. Garate to set up a team meeting to discuss the methods used for determining evaporative losses regarding a specific question in the RFI.

Lillian E. Beerman, Ph.D. April 22, 2022

Re: Kiteboard Ranch 13828 Request for Information

Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Tue 4/19/2022 9:58 AM

To: Jessica Garate <[redacted]>

Jessica Garate,
I received your message regarding evaporative losses and will forwarded it to appropriate staff.
Thank you,

Lillian E. Beerman, Ph.D.
Water Rights Permitting Team
Water Availability Division
512-239-4019
lillian.beerman@tceq.texas.gov

RE: Kiteboard Ranch 13828 Request for_Information

Jessica Garate <[redacted]
Mon 4/18/2022 5:15 PM
To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Cc Curt Campbell <[redacted]
Good afternoon, Ms. Beerman.

I'm assisting Curt Campbell with the Request for Information for Kiteboard Ranch and have a question about **Comment 2**. What source and what time period/range was used by TCEQ staff for the calculated 83.13 acre feet (maximum) and 476.45 acre feet (annual) evaporative losses? Westward's calculations used data from the TWDB for Quad 810 and taken using values that went back to 1950. If we have TCEQ's calculation method, we can better compare. If necessary, we can set up a call to discuss. Thank you for your time and attention.

25 YEARS
WESTWARD
Environmental & Engineering Excellence

Jessica Garate, GIT
Staff Geologist
Westward Environmental, Inc.
P.O. Box 2205 / Boerne, Texas 78006
830.249.8284 Phone
830.249.0221 Fax
[redacted]
www.westwardenv.com
Proj #

Kiteboard_Ranch_13828_Request_for_Information

Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Thu 4/7/2022 3:13 PM
To: ccampbell@westwardenv.com [redacted]
Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

1 attachments (340 KB)
Kiteboard_Ranch_13828_RFI_Sent_to_App_04.07.2022.pdf;

Mr. Curt Campbell, P.E.
Please complete the attached Request for Information for Kiteboard Ranch's Application No. 13828 by COB Monday, May 9, 2022.
If you have any questions, please do not hesitate to ask.
Thank You,

Lillian E. Beerman, Ph.D.
Water Rights Permitting Team
Water Availability Division
512-239-4019
lillian.beerman@tceq.texas.gov

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 7, 2022

Mr. Curt Campbell, P.E **VIA E-MAIL**
Vice President, Engineering and Natural Resources
Westward Environmental, Inc.
P.O. Box 2205
Boerne, TX 78006-3602

RE: Kiteboard Ranch, LLC
WRPERM 13828
CN605929736, RN111448155
Application No. 13828 for a Water Use Permit
Texas Water Code § 11.121, Requiring Mailed & Published Notice
Long Branch, Guadalupe River Basin

Dear Mr. Campbell:

This acknowledges receipt, on February 28, 2022, of the referenced application, and on October 29, 2021, of fees in the amount of $ 1,593.98 (Receipt No. M202346, copy attached).

This area is considered to have limited to no water available for appropriation for either a term or perpetual right. TCEQ would probably be unable to recommend granting the application without an alternate source. Staff acknowledges that the Applicant has identified groundwater as an alternate source, and the alternate source of water will be considered during technical review.

Additional information and fees are required before the application can be declared administratively complete.

1. Confirm that a diversion authorization is not requested. Staff notes a diversion point was indicated on the map provided by the Applicant.

2. Confirm that the alternate source will be adequate to compensate for evaporative losses from the reservoir. Staff notes that the application indicates sufficient groundwater to account for evaporative losses of 50 acre-feet per year. However, Staff has calculated the maximum monthly and annual evaporative losses to be 83.13 and 476.45 acre-feet, respectively.

3. Provide an operational plan that identifies how the groundwater from the Applicant's seven wells will support the application. In the plan, describe how use of each well will be determined for a given day/time.

4. Before the application can be declared administratively complete, remit fees in the amount of **$ 203.54**, as described below. Please make the check payable to the TCEQ or Texas Commission on Environmental Quality.

Filing Fee	(100 to 5,000 Acre-Feet)	$	250.00
Recording Fee		$	25.00
Storage Fees	($1.00 x 1186 Acre-Feet)	$	1,186.00
Mailed Notice	(Guadalupe River Basin)	$	336.52
TOTAL FEES		$	1,797.52
FEES RECEIVED		$	1,593.98
TOTAL FEES DUE		**$**	**203.54**

Please submit the requested information by May 9, 2022, or the application may be returned pursuant to Title 30 Texas Administrative Code § 281.18.

If you have any questions concerning this matter, please contact me via email at lillian.beerman@tceq.texas.gov or by telephone at (512) 239-4019.

Sincerely,

Lillian E. Beerman, Ph.D.

Lillian E. Beerman, Ph.D., Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Basis2 Receipt Report by Endorsement Number

MAR-03-22 11:05 AM

Acct. #: WUP **Account Name:** WATER USE PERMITS

Paid For	Endors. #	Ref #2	Paid In By	PayTyp	Chk #	Card#	Bank Slip	Tran.Date	Receipt Amnt.
	M202346		YACKTMAN, ELLYN	CK	1084		BS00089677	29-OCT-21	$1593.98

WESTWARD
Environmental. Engineering. Natural Resources.

February 23, 2022

Texas Commission on Environmental Quality
Water Availability Division
MC-160 P.O. Box 13087
Austin, TX 78711-3087

Project No.: 11235-002

Subject: Water Rights Permit - WRPERM 13818
Kiteboard Ranch, LLC – CN605929736, RN111361325
Intent to Withdraw Application

To Whom This May Concern,

Westward is submitting a revised Water Rights Application on behalf of Kiteboard Ranch, LLC which you will find attached here. On October 28, 2021, TCEQ received fees in the amount of $1,593.98 for Kiteboard Ranch's initial application No. 13818. Application No. 13818 was withdrawn on January 6, 2022. Please apply these fees to the current application. A copy of the receipt (Receipt No. M202346) is also attached here.

Westward will continue to serve as the technical contact for Kiteboard Ranch, LLC. on this project. Please ensure that Westward is copied on all correspondence, including the final approval. If you have any other questions, or require further information, please contact our office at 830-249-8284.

Respectfully submitted,
WESTWARD ENVIRONMENTAL, INC.

2/24/2022

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED
PROFESSIONAL ENGINEER

Curt G. Campbell, PE
VP Engineering & Natural Resources
TX PE Firm No. 4524

Attachments: Water Rights Application
Receipt No. M202346

RECEIVED
FEB 28 2022
Water Availability Division

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

TCEQ WATER RIGHTS PERMITTING APPLICATION

ADMINISTRATIVE INFORMATION CHECKLIST

Complete and submit this checklist for each application. See Instructions Page. 5.

APPLICANT(S): KITEBOARD RANCH, LLC

Indicate whether the following items are included in your application by writing either Y (for yes) or N (for no) next to each item (all items are not required for every application).

Y/N	
Y	**Administrative Information Report**
N	Additional Co-Applicant Information
N	Additional Co-Applicant Signature Pages
Y	Written Evidence of Signature Authority
Y	**Technical Information Report**
Y	USGS Map (or equivalent)
Y	Map Showing Project Details
Y	Original Photographs
N	Water Availability Analysis
Y	**Worksheet 1.0**
N	Recorded Deeds for Irrigated Land
N	Consent For Irrigation Land
N	**Worksheet 1.1**
N	Addendum to Worksheet 1.1
N	**Worksheet 1.2**
N	Addendum to Worksheet 1.2
Y	**Worksheet 2.0**
N	Additional W.S 2.0 for Each Reservoir
Y	Dam Safety Documents
Y	Notice(s) to Governing Bodies
Y	Recorded Deeds for Inundated Land
N	Consent For Inundation Land

Y/N	
N	**Worksheet 3.0**
N	Additional W.S 3.0 for each Point
N	Recorded Deeds for Diversion Points
N	Consent For Diversion Access
Y	**Worksheet 4.0**
N	TPDES Permit(s)
N	WWTP Discharge Data
Y	24-hour Pump Test
Y	Groundwater Well Permit
N	Signed Water Supply Contract
Y	**Worksheet 4.1**
Y	**Worksheet 5.0**
Y	Addendum to Worksheet 5.0
N	**Worksheet 6.0**
N	Water Conservation Plan(s)
N	Drought Contingency Plan(s)
N	Documentation of Adoption
N	**Worksheet 7.0**
N	Accounting Plan
Y	**Worksheet 8.0**
Y	Fees

For Commission Use Only:
Proposed/Current Water Right Number: _____
Basin: _____ Watermaster area Y/N: _____

ADMINISTRATIVE INFORMATION REPORT

The following information **is required** for **all** new applications and amendments.

****Applicants are strongly encouraged to schedule a pre-application meeting with TCEQ Staff to discuss Applicant's needs prior to submitting an application. Call the Water Rights Permitting Team to schedule a meeting at** (512) 239-4600.

1. TYPE OF APPLICATION (Instructions, Page. 6)

Indicate, by marking X, next to the following authorizations you are seeking.

X New Appropriation of State Water

_____Amendment to a Water Right *

_____ Bed and Banks

***If you are seeking an amendment to an existing water rights authorization, you must be the owner of record of the authorization. If the name of the Applicant in Section 2, does not match the name of the current owner(s) of record for the permit or certificate or if any of the co-owners is not included as an applicant in this amendment request, your application could be returned. If you or a co-applicant are a new owner, but ownership is not reflected in the records of the TCEQ, submit a change of ownership request (Form TCEQ-10204) prior to submitting the application for an amendment. See Instructions page. 6. Please note that an amendment application may be returned, and the Applicant may resubmit once the change of ownership is complete.**

Please summarize the authorizations or amendments you are seeking in the space below or attach a narrative description entitled "Summary of Request."

Kiteboard Ranch, LLC (Kiteboard) is the owner of ~642-acre Broken Oak Ranch located ~2 miles southwest of Kingsbury, Guadalupe County, Texas. An existing ~90-acre lake was constructed on the property in the late-1900s. The new owner has determined that the lake is not exempt from water rights permitting pursuant to 30 TAC §297.21. A notice of audit was submitted and Kiteboard seeks a permit to use groundwater pumped from private onsite wells to maintain the level of the reservoir so that there is no consumptive use or impoundment of State Water.

2. APPLICANT INFORMATION (Instructions, Page. 6)

a. Applicant

Indicate the number of Applicants/Co-Applicants 1
(Include a copy of this section for each Co-Applicant, if any)

What is the Full Legal Name of the individual or entity (applicant) applying for this permit?

Kiteboard Ranch, LLC

(If the Applicant is an entity, the legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at http://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch

CN : CN605929736 (leave blank if you do not yet have a CN).

What is the name and title of the person or persons signing the application? Unless an application is signed by an individual applicant, the person or persons must submit written evidence that they meet the signatory requirements in *30 TAC § 295.14.*

First/Last Name: Ellyn Yacktman

Title: Manager

Have you provided written evidence meeting the signatory requirements in 30 TAC § 295.14, as an attachment to this application? Yes

What is the applicant's mailing address as recognized by the US Postal Service (USPS)? You may verify the address on the USPS website at https://tools.usps.com/go/ZipLookupAction!input.action.

Name: Kiteboard Ranch, LLC

Mailing Address: 3571 Far West Blvd #82

City: Austin State: Texas ZIP Code: 78731

Indicate an X next to the type of Applicant:

___Individual	___Sole Proprietorship-D.B.A.
___Partnership	___Corporation
___Trust	___Estate
___Federal Government	___State Government
___County Government	___City Government
___Other Government	X Other Limited Liability Co

For Corporations or Limited Partnerships, provide:
State Franchise Tax ID Number: 32072437224 SOS Charter (filing) Number: 0803462312

3. APPLICATION CONTACT INFORMATION (Instructions, Page. 9)

If the TCEQ needs additional information during the review of the application, who should be contacted? Applicant may submit their own contact information if Applicant wishes to be the point of contact.

First and Last Name: Curt G. Campbell, P.E.

Title: VP of Engineering & Natural Resources

Organization Name: Westward Environmental, Inc.

Mailing Address: PO Box 2205

City: Boerne State: Texas ZIP Code: 78006

Phone No.: 830-249-8284 Extension:

Fax No.: 830-249-0221 E-mail Address: [redacted]

4. WATER RIGHT CONSOLIDATED CONTACT INFORMATION (Instructions, Page. 9)

This section applies only if there are multiple Owners of the same authorization. Unless otherwise requested, Co-Owners will each receive future correspondence from the Commission regarding this water right (after a permit has been issued), such as notices and water use reports. Multiple copies will be sent to the same address if Co-Owners share the same address. Complete this section if there will be multiple owners and **all** owners agree to let one owner receive correspondence from the Commission. Leave this section blank if you would like all future notices to be sent to the address of each of the applicants listed in section 2 above. N/A (single owner

I/We authorize all future notices be received on my/our behalf at the following:

First and Last Name:

Title:

Organization Name:

Mailing Address:

City: State: ZIP Code:

Phone No.: Extension:

Fax No.: E-mail Address:

5. MISCELLANEOUS INFORMATION (Instructions, Page. 9)

a. The application will not be processed unless all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol by all applicants/co-applicants. If you need assistance determining whether you owe delinquent penalties or fees, please call the Water Rights Permitting Team at (512) 239-4600, prior to submitting your application.

1. Does Applicant or Co-Applicant owe any fees to the TCEQ? **Yes** / (**No**)

   If **yes**, provide the following information:

   Account number: Amount past due:

2. Does Applicant or Co-Applicant owe any penalties to the TCEQ? **Yes** / (**No**)

   If **yes**, please provide the following information:

   Enforcement order number: Amount past due:

b. If the Applicant is a taxable entity (corporation or limited partnership), the Applicant must be in good standing with the Comptroller or the right of the entity to transact business in the State may be forfeited. See Texas Tax Code, Subchapter F. Applicant's may check their status with the Comptroller at https://mycpa.cpa.state.tx.us/coa/

Is the Applicant or Co-Applicant in good standing with the Comptroller? (**Yes**) / **No**

c. The commission will not grant an application for a water right unless the applicant has submitted all Texas Water Development Board (TWDB) surveys of groundwater and surface water use – if required. See TWC §16.012(m) and 30 TAC § 297.41(a)(5).

Applicant has submitted all required TWDB surveys of groundwater and surface water? (**Yes**) / **No**

6. SIGNATURE PAGE (Instructions, Page. 11)

Applicant:

I, Ellyn Yackeyman Manager/President
(Typed or printed name) (Title)

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under Title 30 Texas Administrative Code §295.14 to sign and submit this document and I have submitted written evidence of my signature authority.

Signature: _____ Date: 10/13/21
(Use blue ink)

Subscribed and Sworn to before me by the said

on this 13th day of October, 20 21.

My commission expires on the 9th day of December, 20 23.

Notary Public Samer Abdelmasih

Travis
County, Texas

[SEAL]

SAMER ABDELMASIH
NOTARY PUBLIC STATE OF TEXAS
MY COMM. EXP. 12/09/2023
NOTARY ID 13228452-5

If the Application includes Co-Applicants, each Applicant and Co-Applicant must submit an original, separate signature page

CONSENT OF SOLE MANAGER
IN LIEU OF ORGANIZATIONAL MEETING
OF
KITEBOARD RANCH, LLC

November 4, 2019

The undersigned, being the sole manager named in the Certificate of Formation of Kiteboard Ranch, LLC, a Texas limited liability company (the "**Company**"), hereby, pursuant to the provisions of Section 6.201 of the Texas Business Organizations Code, consents to and approves the following resolutions and each and every action effected thereby:

1. Certificate of Formation.

RESOLVED, that the Certificate of Formation that was submitted to, and reviewed by, the sole manager of the Company and that has been filed in the office of the Secretary of State of the State of Texas on November __, 2019, is approved, accepted, ratified, and adopted as the Company's Certificate of Formation.

RESOLVED FURTHER, that the Secretary of the Company is directed to insert the Certificate of Formation and the Certificate of Filing issued by the Secretary of State of the State of Texas in the minute book of the Company.

2. Company Agreement.

RESOLVED, that the Company Agreement for the regulation and management of the affairs of the Company that was submitted to, reviewed by, and executed by the manager and members of the Company is approved and adopted for and as the Company Agreement of the Company, and the Secretary of the Company is directed to insert a copy of the Company Agreement in the minute book of the Company.

3. Minute Book.

RESOLVED, that (a) the minute book presented to the sole manager of the Company is approved and adopted, and the action of the Secretary in inserting in it the Certificate of Formation, the Certificate of Filing, and the Company Agreement is ratified and approved, and (b) the Secretary is hereby directed to authenticate the minute book, to retain custody of it, and to insert therein minutes of any meeting and of other proceedings (or written waivers and consents to any manager, member or other action) of the managers or members of the Company and other appropriate records of the Company.

4. Election of Officers.

RESOLVED, that the following persons are elected to the office set forth opposite their respective names, to serve as such until such officer's successor is elected or appointed and qualified or, if earlier, until such officer's death, resignation, or removal from office:

Name	Office
Ellyn Yacktman	President and Secretary

5. Issuance of Membership Interests.

RESOLVED, that the Company hereby issues 100% of the membership interests of the Company to Stephen Yacktman Family Remainder Trust in exchange for $100.00.

RESOLVED FURTHER, that upon the issuance of such membership interests, they shall be duly issued, validly outstanding, fully paid and nonassessable.

6. Banking and Borrowing.

RESOLVED, that the Company establish such banking arrangements as from time to time become necessary, desirable or appropriate, including arrangements with respect to establishing and maintaining checking accounts and with respect to borrowing funds, and that the signature of the sole manager of the Company at the bottom of the form of certificate of resolutions customarily required by any such banking institution authorizing such arrangements shall constitute and be construed as a unanimous written consent to the adoption of such resolutions by the sole manager of the Company under the provisions of Section 6.201 of the Texas Business Organizations Code, and that the Secretary of the Company is hereby authorized to certify to such resolutions so signed by the sole manager of the Company in such form as said banking institution may customarily require, and such resolutions so certified shall be deemed to be copied in the minute book as if set forth therein in full.

RESOLVED FURTHER, that the sole manager of the Company is hereby authorized to borrow, from time to time, in the name and on behalf of the Company, such funds in such amounts from such persons or lending institutions as permitted by the Company Agreement.

RESOLVED FURTHER, that the signature of the sole manager of the Company at the bottom of the form of certificate of resolutions customarily required by any such lenders authorizing such borrowing shall constitute and be construed as a unanimous written consent to the adoption of such resolutions by the sole manager of the Company under the provisions of Section 6.201 of the Texas Business Organizations Code, and that the Secretary of the Company is

hereby authorized to certify to such resolutions so signed by the sole manager of the Company in such form as said lender may customarily require, and such resolutions so certified shall be deemed to be copied in the minute book as if set forth therein in full.

7. Annual Meeting of Members.

RESOLVED, that an annual meeting of members of the Company may be held during each calendar year on such date and at such time as shall be designated from time to time by the sole manager.

8. Organizational Expenses.

RESOLVED, that the manager or any appropriate officer of the Company be, and hereby is, authorized and directed to pay all charges and expenses incident to and necessary for the organization of the Company and to reimburse any person who has made any disbursement therefor.

9. Fiscal Year.

RESOLVED, that the fiscal year of the Company shall end on the last day of December of each year.

10. Qualification to Transact Business as a Foreign Limited Liability Company.

RESOLVED, that the manager or any appropriate officer of the Company is hereby authorized and directed to cause the Company to qualify as a foreign limited liability company in such jurisdictions as may be legally required by reason of the property owned, business conducted, or other activities effected by the Company in such jurisdictions now or at any time hereafter.

11. General Authorization.

RESOLVED, that the manager and any officers of the Company are hereby severally authorized (a) to sign, execute, certify to, verify, acknowledge, deliver, accept, file, and record any and all instruments and documents, and (b) to take, or cause to be taken, any and all such action, in the name and on behalf of the Company, as (in such officer's judgment) shall be necessary, desirable or appropriate in order to effect the purposes of the foregoing resolutions.

RESOLVED FURTHER, that any and all action taken by any manager, officer or member of the Company prior to the date this Consent is actually executed in effecting the purposes of the foregoing resolutions is hereby ratified, approved, confirmed, and adopted in all respects.

12. Electronic Signature.

RESOLVED, that this Consent may be transmitted via electronic means and executed by the undersigned, and an electronic signature of the undersigned shall be deemed an original signature for all purposes and have the same force and effect as a manually-signed original.

* * * * * *

EXECUTED to be effective as of the date first above written.

Ellyn Yacktman

COMPANY AGREEMENT

OF

KITEBOARD RANCH, LLC

A Texas Limited Liability Company

This Company Agreement (this "**Agreement**") of Kiteboard Ranch, LLC, a Texas limited liability company, executed to be effective as of November __, 2019, is adopted, executed and agreed to by the Manager and Member of the Company (as defined below).

1. **Formation**. Kiteboard Ranch, LLC (the "**Company**") has been organized as a Texas limited liability company under and pursuant to the Texas Business Organizations Code (the "**TBOC**").

2. **Manager**. Ellyn Yacktman, an individual residing in Travis County, Texas, shall be the sole manager of the Company (the "**Manager**").

3. **Contributions**. In exchange for 100% of the membership interests in the Company, the undersigned member (the "**Member**") has made an initial contribution to the capital of the Company in the amount of $100.00. Without creating any rights in favor of any third party, the Member may, from time to time, make additional contributions of cash or property to the capital of the Company, but shall have no obligation to do so.

4. **Distributions**. The Member shall be entitled to (a) receive all distributions (including, without limitation, liquidating distributions) made by the Company, and (b) enjoy all other rights, benefits and interests in the Company.

5. **Single-Member Limited Liability Company for Tax Purposes**. The Manager and Member hereby state that it is their intention that the Company shall be treated as a disregarded entity for purposes of United States federal income tax laws, and further state that they will not take any position or make any election, in a tax return or otherwise, inconsistent herewith. In furtherance of the foregoing, the Company will file its results of operations as part of the Member's income tax return for each year for United States federal income tax purposes.

6. **Amendment of Agreement**. Any amendment or supplement to this Agreement shall only be effective if in writing and if the same shall be consented to and approved by the Manager and the Member.

7. **Management**. The Company shall be managed by a single Manager, and the management of the Company is fully reserved to said Manager. The powers of the Company shall be exercised by or under the authority of, and the business and affairs of the Company shall be managed under the direction of, the Manager, who shall make all decisions and take all actions for the Company.

8. **Officers**.

(a) The Manager may, from time to time, designate one or more persons to be the officers of the Company. Any officers so designated shall have such authority and perform such duties as the Manager may, from time to time, delegate to them. The Manager may assign titles to particular officers. Unless the Manager decides otherwise, if the title is one commonly used for officers of a for-profit corporation formed under the TBOC, the assignment of such title shall constitute the delegation to such officer of the authority and duties that are normally associated with that office. Each officer shall hold office until such officer's successor shall be duly designated and shall qualify or until such officer's death or until such officer shall resign or shall have been removed in the manner hereinafter provided. Any number of offices may be held by the same person. The salaries or other compensation, if any, of the officers and agents of the Company shall be fixed from time to time by the Manager.

(b) Any officer may resign as such at any time. Such resignation shall be made in writing and shall take effect at the time specified therein, or if no time is specified, at the time of its receipt by the Manager. The acceptance of a resignation shall not be necessary to make it effective, unless expressly so provided in the resignation. Any officer may be removed as such, either with or without cause, by the Manager whenever in her judgment the best interests of the Company will be served thereby; provided, however, that such removal shall be without prejudice to the contract rights, if any, of the officer so removed. Designation of an officer shall not of itself create contract rights. Any vacancy occurring in any office of the Company may be filled by the Manager.

9. **Winding Up and Termination**. The Company shall be wound up and terminated at such time, if any, as the Member may elect. No other event will cause the Company to wind up and terminate.

10. **Governing Law**. THIS AGREEMENT IS GOVERNED BY AND SHALL BE CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS (EXCLUDING ITS CONFLICT OF LAWS RULES).

* * * * * *

EXECUTED as of the date first written above.

SOLE MANAGER:

Ellyn Yacktman

SOLE MEMBER:

STEPHEN YACKTMAN FAMILY REMAINDER TRUST

By: _____
Stephen Yacktman, Trustee

TECHNICAL INFORMATION REPORT
WATER RIGHTS PERMITTING

This Report is required for applications for new or amended water rights. Based on the Applicant's responses below, Applicant are directed to submit additional Worksheets (provided herein). A completed Administrative Information Report is also required for each application.

Applicants are strongly encouraged to schedule a pre-application meeting with TCEQ Permitting Staff to discuss Applicant's needs and to confirm information necessary for an application prior to submitting such application. Please call Water Availability Division at (512) 239-4600 to schedule a meeting. Applicant attended a pre-application meeting with TCEQ Staff for this Application? **Y / N** Yes (If yes, date : January 5, 2022).

1. New or Additional Appropriations of State Water. Texas Water Code (TWC) § 11.121 (Instructions, Page. 12)

State Water is: *The water of the ordinary flow, underflow, and tides of every flowing river, natural stream, and lake, and of every bay or arm of the Gulf of Mexico, and the storm water, floodwater, and rainwater of every river, natural stream, canyon, ravine, depression, and watershed in the state. TWC § 11.021.*

a. Applicant requests a new appropriation (diversion or impoundment) of State Water? **Y / N** Y

b. Applicant requests an amendment to an existing water right requesting an increase in the appropriation of State Water or an increase of the overall or maximum combined diversion rate? **Y / N** N (If yes, indicate the Certificate or Permit number:_____)

If Applicant answered yes to (a) or (b) above, does Applicant also wish to be considered for a term permit pursuant to TWC § 11.1381? **Y / N**___

c. Applicant requests to extend an existing Term authorization or to make the right permanent? **Y / N** N (If yes, indicate the Term Certificate or Permit number:_____)

If Applicant answered yes to (a), (b) or (c), the following worksheets and documents are required:

- **Worksheet 1.0 – Quantity, Purpose, and Place of Use Information Worksheet**
- **Worksheet 2.0 - Impoundment/Dam Information Worksheet** (submit one worksheet for each impoundment or reservoir requested in the application)
- **Worksheet 3.0 - Diversion Point Information Worksheet** (submit one worksheet for each diversion point and/or one worksheet for the upstream limit and one worksheet for the downstream limit of each diversion reach requested in the application)
- **Worksheet 5.0 – Environmental Information Worksheet**
- **Worksheet 6.0 – Water Conservation Information Worksheet**
- **Worksheet 7.0 – Accounting Plan Information Worksheet**
- **Worksheet 8.0 – Calculation of Fees**
- **Fees calculated on Worksheet 8.0** – see instructions **Page. 34.**
- **Maps** – See instructions **Page. 15.**
- **Photographs** - See instructions **Page. 30.**

Additionally, if Applicant wishes to submit an alternate source of water for the project/authorization, see Section 3, Page 3 for Bed and Banks Authorizations (Alternate sources may include groundwater, imported water, contract water or other sources).

Additional Documents and Worksheets may be required (see within).

2. Amendments to Water Rights. TWC § 11.122 (Instructions, Page. 12)

This section should be completed if Applicant owns an existing water right and Applicant requests to amend the water right. ***If Applicant is not currently the Owner of Record in the TCEQ Records, Applicant must submit a Change of Ownership Application (TCEQ-10204) prior to submitting the amendment Application or provide consent from the current owner to make the requested amendment. If the application does not contain consent from the current owner to make the requested amendment, TCEQ will not begin processing the amendment application until the Change of Ownership has been completed and will consider the Received Date for the application to be the date the Change of Ownership is completed.*** **See instructions page. 6.**

Water Right (Certificate or Permit) number you are requesting to amend: N/A

Applicant requests to sever and combine existing water rights from one or more Permits or Certificates into another Permit or Certificate? **Y / N** N (if yes, complete chart below):

List of water rights to sever	Combine into this ONE water right

a. Applicant requests an amendment to an existing water right to increase the amount of the appropriation of State Water (diversion and/or impoundment)? **Y / N** N

If yes, application is a new appropriation for the increased amount, complete ***Section 1 of this Report (PAGE. 1) regarding New or Additional Appropriations of State Water.***

b. Applicant requests to amend existing Term authorization to extend the term or make the water right permanent (remove conditions restricting water right to a term of years)? **Y / N** N

If yes, application is a new appropriation for the entire amount, complete ***Section 1 of this Report (PAGE. 1) regarding New or Additional Appropriations of State Water.***

c. Applicant requests an amendment to change the purpose or place of use or to add an additional purpose or place of use to an existing Permit or Certificate? **Y / N** N
If yes, submit:

- **Worksheet 1.0 – Quantity, Purpose, and Place of Use Information Worksheet**
- **Worksheet 1.2 - Notice: "Marshall Criteria"**

d. Applicant requests to change: diversion point(s); or reach(es); or diversion rate? **Y / N** N
If yes, submit:

- **Worksheet 3.0 - Diversion Point Information Worksheet** (submit one worksheet for each diversion point or one worksheet for the upstream limit and one worksheet for the downstream limit of each diversion reach)
- **Worksheet 5.0 – Environmental Information** (Required for any new diversion points that are not already authorized in a water right)

e. Applicant requests amendment to add or modify an impoundment, reservoir, or dam? **Y / N** N

If yes, submit: **Worksheet 2.0 - Impoundment/Dam Information Worksheet** (submit one worksheet for each impoundment or reservoir)

f. Other - Applicant requests to change any provision of an authorization not mentioned above? **Y / N**___N____*If yes, call the Water Availability Division at (512) 239-4600 to discuss.*

Additionally, all amendments require:

- **Worksheet 8.0 – Calculation of Fees; and Fees calculated – see instructions Page. 34**
- **Maps – See instructions Page. 15.**
- **Additional Documents and Worksheets may be required (see within).**

3. Bed and Banks. TWC § 11.042 (Instructions, Page 13)

a. Pursuant to contract, Applicant requests authorization to convey, stored or conserved water to the place of use or diversion point of purchaser(s) using the bed and banks of a watercourse? TWC § 11.042(a). **Y/N**__N__

If yes, submit a signed copy of the Water Supply Contract pursuant to 30 TAC §§ 295.101 and 297.101. Further, if the underlying Permit or Authorization upon which the Contract is based does not authorize Purchaser's requested Quantity, Purpose or Place of Use, or Purchaser's diversion point(s), then either:

1. *Purchaser must submit the worksheets required under Section 1 above with the Contract Water identified as an alternate source; or*
2. *Seller must amend its underlying water right under Section 2.*

b. Applicant requests to convey water imported into the state from a source located wholly outside the state using the bed and banks of a watercourse? TWC § 11.042(a-1). **Y / N**_N_

If yes, submit: worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, Maps and fees from the list below.

c. Applicant requests to convey Applicant's own return flows derived from privately owned groundwater using the bed and banks of a watercourse? TWC § 11.042(b). **Y / N**_N_

If yes, submit: worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, Maps, and fees from the list below.

d. Applicant requests to convey Applicant's own return flows derived from surface water using the bed and banks of a watercourse? TWC § 11.042(c). **Y / N**_N

If yes, submit: worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, Maps, and fees from the list below.

****Please note, if Applicant requests the reuse of return flows belonging to others, the Applicant will need to submit the worksheets and documents under Section 1 above, as the application will be treated as a new appropriation subject to termination upon direct or indirect reuse by the return flow discharger/owner.***

e. Applicant requests to convey water from any other source, other than (a)-(d) above, using the bed and banks of a watercourse? TWC § 11.042(c). **Y / N**_N__

If yes, submit: worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, Maps, and fees from the list below.

Worksheets and information:

- **Worksheet 1.0 – Quantity, Purpose, and Place of Use Information Worksheet**
- **Worksheet 2.0 - Impoundment/Dam Information Worksheet** (submit one worksheet for each impoundment or reservoir owned by the applicant through which water will be conveyed or diverted)
- **Worksheet 3.0 - Diversion Point Information Worksheet** (submit one worksheet for the downstream limit of each diversion reach for the proposed conveyances)
- **Worksheet 4.0 – Discharge Information Worksheet** (for each discharge point)

- **Worksheet 5.0 - Environmental Information Worksheet**
- **Worksheet 6.0 - Water Conservation Information Worksheet**
- **Worksheet 7.0 - Accounting Plan Information Worksheet**
- **Worksheet 8.0 - Calculation of Fees; and Fees calculated - see instructions Page. 34**
- **Maps** - See instructions **Page. 15.**
- **Additional Documents and Worksheets may be required (see within).**

4. General Information, Response Required for all Water Right Applications (Instructions, Page 15)

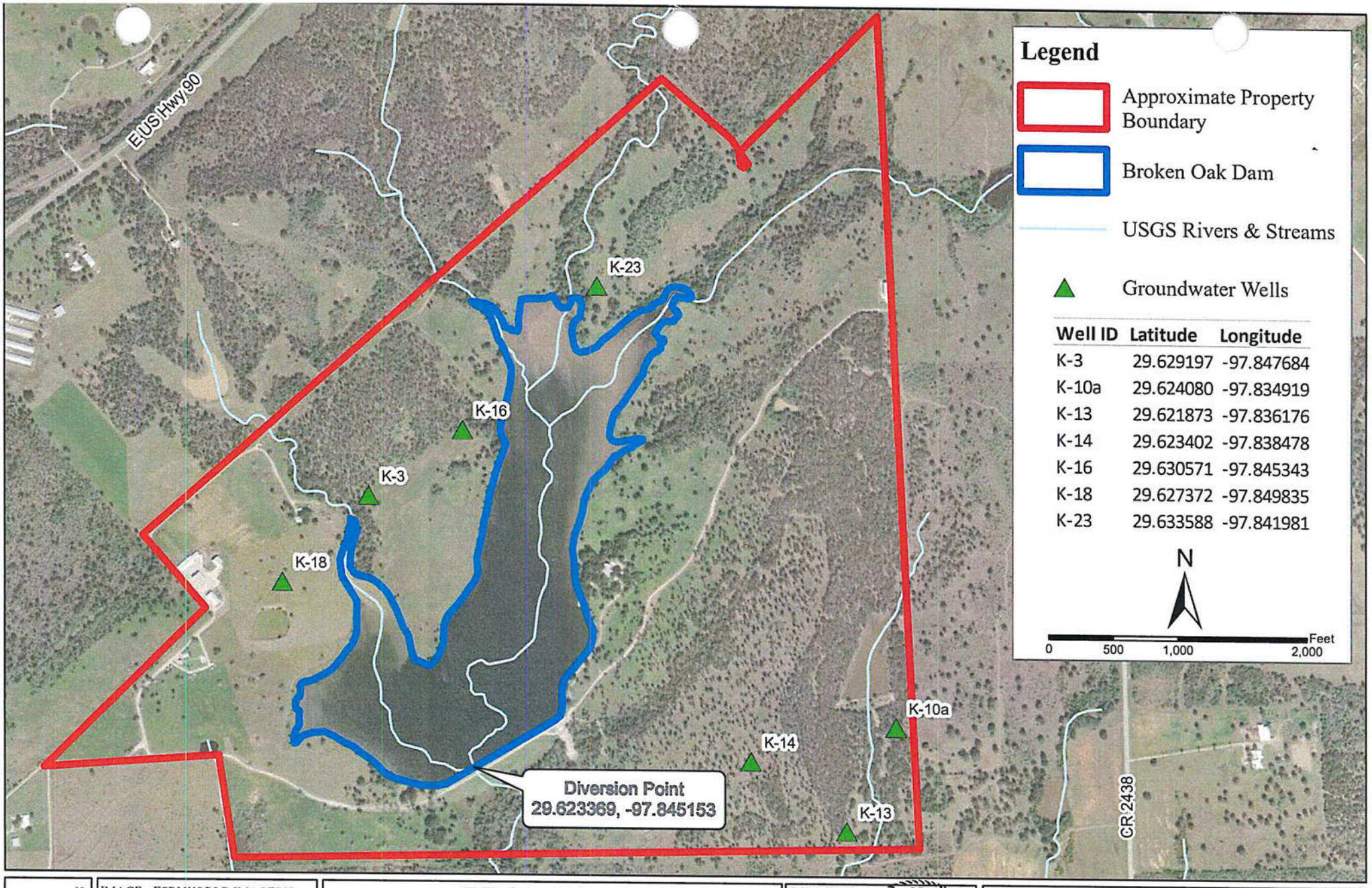
a. Provide information describing how this application addresses a water supply need in a manner that is consistent with the state water plan or the applicable approved regional water plan for any area in which the proposed appropriation is located or, in the alternative, describe conditions that warrant a waiver of this requirement (*not required for applications to use groundwater-based return flows*). Include citations or page numbers for the State and Regional Water Plans, if applicable. Provide the information in the space below or submit a supplemental sheet entitled "Addendum Regarding the State and Regional Water Plans":

Kiteboard Ranch, LLC is located within the Region L Planning Group. This application proposes the use of groundwater pumped from private wells onsite to maintain the level of the reservoir so that there is no consumptive use or impoundment of State Water.

b. Did the Applicant perform its own Water Availability Analysis? **Y / N** N

If the Applicant performed its own Water Availability Analysis, provide electronic copies of any modeling files and reports.

C. Does the application include required Maps? (Instructions **Page. 15**) **Y / N** Y



SHEET NO.: 001 OF 001

IMAGE: ESRI WORLD IMAGERY	
ISSUE DATE:	02/21/2022
DRAWN BY:	JG
CHECKED BY:	CGC
SCALE: 1" =	1,000'
JOB NO.:	11235-002

PROJECT MAP

BROKEN OAK DAM
KITEBOARD RANCH, LLC.
SEGUIN, GUADALUPE COUNTY, TEXAS

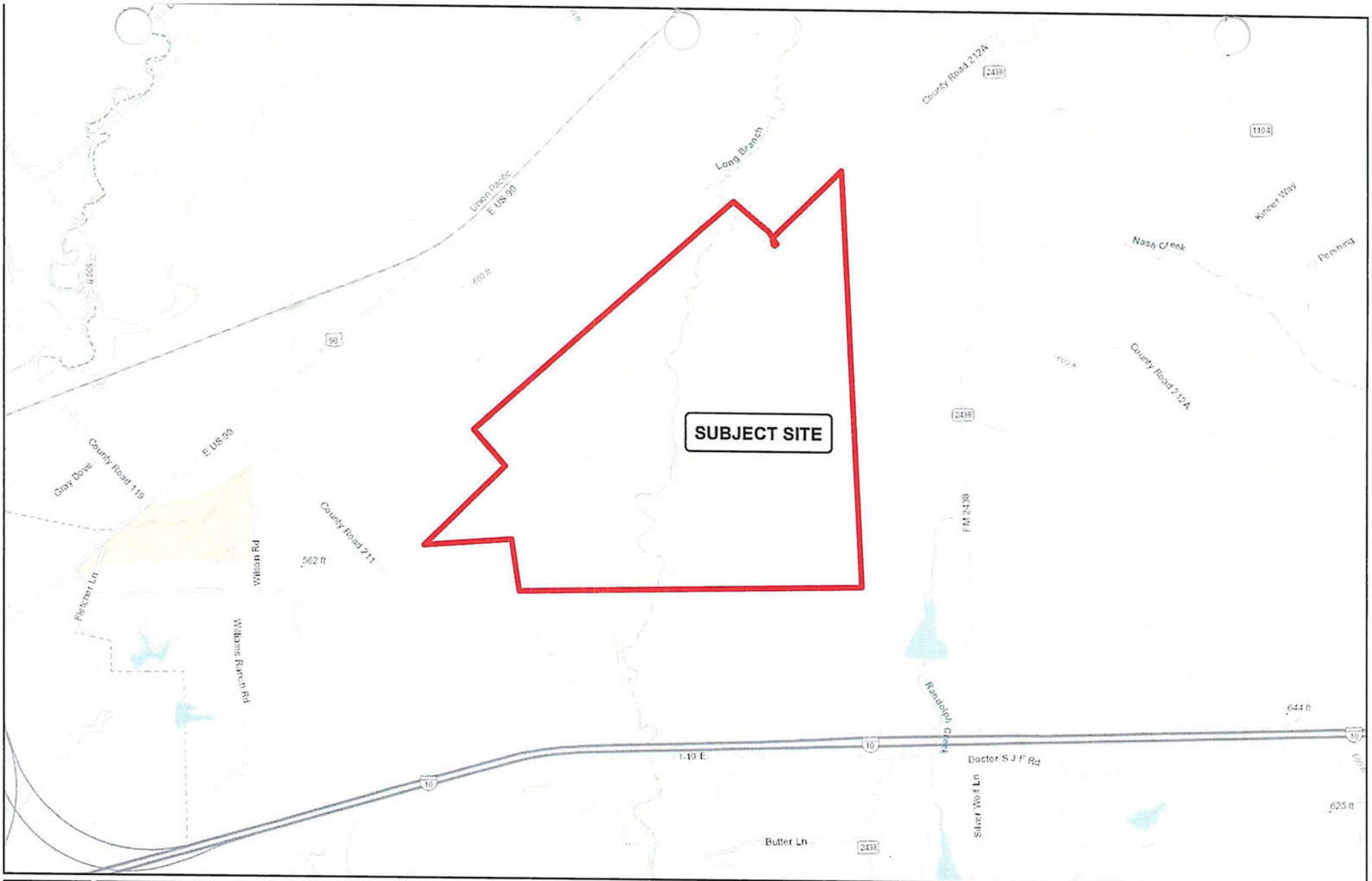
REV.	DESCRIPTION	BY	DATE

2/23/2022

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED
PROFESSIONAL ENGINEER

Curt G. Campbell, P.E
License No. 106851

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205, Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112



SHEET NO.: 001 OF 001

IMAGE: ESRI WORLD TOPO MAP	
ISSUE DATE:	01/25/2022
DRAWN BY:	JG
CHECKED BY:	CGC
SCALE: 1" =	2000'
JOB NO.:	11235-002

USGS MAP

BROKEN OAK DAM
KITEBOARD RANCH, LLC
SEGUIN, GUADALUPE COUNTY, TEXAS

REV.	DESCRIPTION	BY	DATE

2/23/2022

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED
PROFESSIONAL ENGINEER

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WESTWARD
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WORKSHEET 1.0
Quantity, Purpose and Place of Use

1. New Authorizations (Instructions, Page. 16)

Submit the following information regarding quantity, purpose and place of use for requests for new or additional appropriations of State Water or Bed and Banks authorizations:

Quantity (acre-feet) *(Include losses for Bed and Banks)*	**State Water Source (River Basin) or Alternate Source** *each *alternate source (and new appropriation based on return flows of others) also requires completion of Worksheet 4.0*	**Purpose(s) of Use**	**Place(s) of Use** **requests to move state water out of basin also require completion of Worksheet 1.1 Interbasin Transfer*
1186	Carrizo-Wilcox Aquifer	recreation/on-channel storage	Guadalupe County

~50* Total amount of water (in acre-feet) to be used annually (*include losses for Bed and Banks applications*) * *Based on monthly evaporation rates.*

If the Purpose of Use is Agricultural/Irrigation for any amount of water, provide: N/A

a. Location Information Regarding the Lands to be Irrigated

i) Applicant proposes to irrigate a total of_____acres in any one year. This acreage is all of or part of a larger tract(s) which is described in a supplement attached to this application and contains a total of_____acres in_____County, TX.

ii) Location of land to be irrigated: In the_____Original Survey No. _____, Abstract No._____.

A copy of the deed(s) or other acceptable instrument describing the overall tract(s) with the recording information from the county records must be submitted. Applicant's name must match deeds.
If the Applicant is not currently the sole owner of the lands to be irrigated, Applicant must submit documentation evidencing consent or other documentation supporting Applicant's right to use the land described.

Water Rights for Irrigation may be appurtenant to the land irrigated and convey with the land unless reserved in the conveyance. 30 TAC § 297.81.

2. Amendments - Purpose or Place of Use (Instructions, Page. 12)

a. Complete this section for each requested amendment changing, adding, or removing Purpose(s) or Place(s) of Use, complete the following: N/A

Quantity (acre-feet)	Existing Purpose(s) of Use	Proposed Purpose(s) of Use*	Existing Place(s) of Use	Proposed Place(s) of Use**

**If the request is to add additional purpose(s) of use, include the existing and new purposes of use under "Proposed Purpose(s) of Use."*

***If the request is to add additional place(s) of use, include the existing and new places of use under "Proposed Place(s) of Use."*

Changes to the purpose of use in the Rio Grande Basin may require conversion. 30 TAC § 303.43.

b. For any request which adds Agricultural purpose of use or changes the place of use for Agricultural rights, provide the following location information regarding the lands to be irrigated:

i. Applicant proposes to irrigate a total of_____acres in any one year. This acreage is all of or part of a larger tract(s) which is described in a supplement attached to this application and contains a total of_____acres in_____ County, TX.

ii. Location of land to be irrigated: In the_____Original Survey No. _____, Abstract No._____.

A copy of the deed(s) describing the overall tract(s) with the recording information from the county records must be submitted. Applicant's name must match deeds. If the Applicant is not currently the sole owner of the lands to be irrigated, Applicant must submit documentation evidencing consent or other legal right for Applicant to use the land described.

Water Rights for Irrigation may be appurtenant to the land irrigated and convey with the land unless reserved in the conveyance. 30 TAC § 297.81.

c. Submit Worksheet 1.1, Interbasin Transfers, for any request to change the place of use which moves State Water to another river basin.

d. See Worksheet 1.2, Marshall Criteria, and submit if required.

e. See Worksheet 6.0, Water Conservation/Drought Contingency, and submit if required.

WORKSHEET 1.1
INTERBASIN TRANSFERS, TWC § 11.085

N/A

Submit this worksheet for an application for a new or amended water right which requests to transfer State Water from its river basin of origin to use in a different river basin. A river basin is defined and designated by the Texas Water Development Board by rule pursuant to TWC § 16.051.

Applicant requests to transfer State Water to another river basin within the State? **Y / N** N

1. Interbasin Transfer Request (Instructions, Page. 20)

a. Provide the Basin of Origin._____

b. Provide the quantity of water to be transferred (acre-feet)._____

c. Provide the Basin(s) and count(y/ies) where use will occur in the space below:

_____

2. Exemptions (Instructions, Page. 20), TWC § 11.085(v)

Certain interbasin transfers are exempt from further requirements. Answer the following:

a. The proposed transfer, which in combination with any existing transfers, totals less than 3,000 acre-feet of water per annum from the same water right. **Y/N_**

b. The proposed transfer is from a basin to an adjoining coastal basin? **Y/N___**

c. The proposed transfer from the part of the geographic area of a county or municipality, or the part of the retail service area of a retail public utility as defined by Section 13.002, that is within the basin of origin for use in that part of the geographic area of the county or municipality, or that contiguous part of the retail service area of the utility, not within the basin of origin? **Y/N__**

d. The proposed transfer is for water that is imported from a source located wholly outside the boundaries of Texas, except water that is imported from a source located in the United Mexican States? **Y/N__**

3. Interbasin Transfer Requirements (Instructions, Page. 20)

For each Interbasin Transfer request that is not exempt under any of the exemptions listed above Section 2, provide the following information in a supplemental attachment titled "Addendum to Worksheet 1.1, Interbasin Transfer":

a. the contract price of the water to be transferred (if applicable) (also include a copy of the contract or adopted rate for contract water);

b. a statement of each general category of proposed use of the water to be transferred and a detailed description of the proposed uses and users under each category;

c. the cost of diverting, conveying, distributing, and supplying the water to, and treating the water for, the proposed users (example - expert plans and/or reports documents may be provided to show the cost);

d. describe the need for the water in the basin of origin and in the proposed receiving basin based on the period for which the water supply is requested, but not to exceed 50 years (the need can be identified in the most recently approved regional water plans. The state and regional water plans are available for download at this website: (http://www.twdb.texas.gov/waterplanning/swp/index.asp);

e. address the factors identified in the applicable most recently approved regional water plans which address the following:

   (i) the availability of feasible and practicable alternative supplies in the receiving basin to the water proposed for transfer;
   (ii) the amount and purposes of use in the receiving basin for which water is needed;

   (iii) proposed methods and efforts by the receiving basin to avoid waste and implement water conservation and drought contingency measures;

   (iv) proposed methods and efforts by the receiving basin to put the water proposed for transfer to beneficial use;

   (v) the projected economic impact that is reasonably expected to occur in each basin as a result of the transfer; and

   (vi) the projected impacts of the proposed transfer that are reasonably expected to occur on existing water rights, instream uses, water quality, aquatic and riparian habitat, and bays and estuaries that must be assessed under Sections 11.147, 11.150, and 11.152 in each basin *(if applicable)*. If the water sought to be transferred is currently authorized to be used under an existing permit, certified filing, or certificate of adjudication, such impacts shall only be considered in relation to that portion of the permit, certified filing, or certificate of adjudication proposed for transfer and shall be based on historical uses of the permit, certified filing, or certificate of adjudication for which amendment is sought;

f. proposed mitigation or compensation, if any, to the basin of origin by the applicant; and

g. the continued need to use the water for the purposes authorized under the existing Permit, Certified Filing, or Certificate of Adjudication, if an amendment to an existing water right is sought.

WORKSHEET 1.2
NOTICE. "THE MARSHALL CRITERIA"

N/A

This worksheet assists the Commission in determining notice required for certain **amendments** that do not already have a specific notice requirement in a rule for that type of amendment, and *that do not change the amount of water to be taken or the diversion rate.* The worksheet provides information that Applicant **is required** to submit for such amendments which include changes in use, changes in place of use, or other non-substantive changes in a water right (such as certain amendments to special conditions or changes to off-channel storage). These criteria address whether the proposed amendment will impact other water right holders or the on-stream environment beyond and irrespective of the fact that the water right can be used to its full authorized amount.

*This worksheet is **not required for Applications in the Rio Grande Basin** requesting changes in the purpose of use, rate of diversion, point of diversion, and place of use for water rights held in and transferred within and between the mainstems of the Lower Rio Grande, Middle Rio Grande, and Amistad Reservoir. See 30 TAC § 303.42.*

*This worksheet is **not required for amendments which are only changing or adding diversion points, or request only a bed and banks authorization or an IBT authorization.** However, Applicants may wish to submit the Marshall Criteria to ensure that the administrative record includes information supporting each of these criteria*

1. The "Marshall Criteria" (Instructions, Page. 21)

Submit responses on a supplemental attachment titled "Marshall Criteria" in a manner that conforms to the paragraphs (a) - (g) below:

a. Administrative Requirements and Fees. Confirm whether application meets the administrative requirements for an amendment to a water use permit pursuant to TWC Chapter 11 and Title 30 Texas Administrative Code (TAC) Chapters 281, 295, and 297. An amendment application should include, but is not limited to, a sworn application, maps, completed conservation plan, fees, etc.

b. Beneficial Use. Discuss how proposed amendment is a beneficial use of the water as defined in TWC § 11.002 and listed in TWC § 11.023. Identify the specific proposed use of the water (e.g., road construction, hydrostatic testing, etc.) for which the amendment is requested.

c. Public Welfare. Explain how proposed amendment is not detrimental to the public welfare. Consider any public welfare matters that might be relevant to a decision on the application. Examples could include concerns related to the well-being of humans and the environment.

d. Groundwater Effects. Discuss effects of proposed amendment on groundwater or groundwater recharge.

e. State Water Plan. Describe how proposed amendment addresses a water supply need in a manner that is consistent with the state water plan or the applicable approved regional water plan for any area in which the proposed appropriation is located or, in the alternative, describe conditions that warrant a waiver of this requirement. The state and regional water plans are available for download at: http://www.twdb.texas.gov/waterplanning/swp/index.asp.

f. Waste Avoidance. Provide evidence that reasonable diligence will be used to avoid waste and achieve water conservation as defined in TWC § 11.002. Examples of evidence could include, but are not limited to, a water conservation plan or, if required, a drought contingency plan, meeting the requirements of 30 TAC Chapter 288.

g. Impacts on Water Rights or On-stream Environment. Explain how proposed amendment will not impact other water right holders or the on-stream environment beyond and irrespective of the fact that the water right can be used to its full authorized amount.

WORKSHEET 2.0
Impoundment/Dam Information

This worksheet **is required** for any impoundment, reservoir and/or dam. Submit an additional Worksheet 2.0 for each impoundment or reservoir requested in this application.

If there is more than one structure, the numbering/naming of structures should be consistent throughout the application and on any supplemental documents (e.g. maps).

1. Storage Information (Instructions, Page. 21)

a. Official USGS name of reservoir, if applicable: Long Branch

b. Provide amount of water (in acre-feet) impounded by structure at normal maximum operating level: 1186.

c. The impoundment is on-channel X or off-channel _____ (mark one)

i. Applicant has verified on-channel or off-channel determination by contacting Surface Water Availability Team at (512) 239-4600? **Y / N** Y

ii. If on-channel, will the structure have the ability to pass all State Water inflows that Applicant does not have authorization to impound? **Y / N** Y

d. Is the impoundment structure already constructed? **Y / N** Y

i. For already constructed **on-channel** structures:

1. Date of Construction: Between December 1994 - January 1995

2. Was it constructed to be an exempt structure under TWC § 11.142? **Y / N** N
   a. If Yes, is Applicant requesting to proceed under TWC § 11.143? **Y / N** ____
   b. If No, has the structure been issued a notice of violation by TCEQ? **Y / N** Y

3. Is it a U.S. Natural Resources Conservation Service (NRCS) (formerly Soil Conservation Service (SCS)) floodwater-retarding structure? **Y / N** N
   a. If yes, provide the Site No. _____ and watershed project name _____;
   b. Authorization to close "ports" in the service spillway requested? **Y / N** N

ii. For **any** proposed new structures or modifications to structures:

1. Applicant **must** contact TCEQ Dam Safety Section at (512) 239-0326, *prior to submitting an Application.* Applicant has contacted the TCEQ Dam Safety Section regarding the submission requirements of 30 TAC, Ch. 299? **Y / N** Y
   Provide the date and the name of the Staff Person July 12, 2019; Warren Samuelson & Dan Yates

2. As a result of Applicant's consultation with the TCEQ Dam Safety Section, TCEQ has confirmed that:
   a. No additional dam safety documents required with the Application. **Y / N** N
   b. Plans (with engineer's seal) for the structure required. **Y / N** Y
   c. Engineer's signed and sealed hazard classification required. **Y / N** Y
   d. Engineer's statement that structure complies with 30 TAC, Ch. 299 Rules required. **Y / N** Y

3. Applicants **shall** give notice by certified mail to each member of the governing body of each county and municipality in which the reservoir, or any part of the reservoir to be constructed, will be located. (30 TAC § 295.42). Applicant must submit a copy of all the notices and certified mailing cards with this Application. Notices and cards are included? **Y / N** Y

iii. Additional information required for **on-channel** storage:

1. Surface area (in acres) of on-channel reservoir at normal maximum operating level: 98.4.

2. Based on the Application information provided, Staff will calculate the drainage area above the on-channel dam or reservoir. If Applicant wishes to also calculate the drainage area they may do so at their option.
Applicant has calculated the drainage area. **Y/N** N
If yes, the drainage area is _____ sq. miles.
(If assistance is needed, call the Surface Water Availability Team prior to submitting the application, (512) 239-4600).

2. Structure Location (Instructions, Page. 23)

a. On Watercourse (if on-channel) (USGS name): Long Branch

b. Zip Code: 78155

c. In the James A Swift Original Survey No. N/A, Abstract No. 292, Guadalupe County, Texas.

* ***A copy of the deed(s) with the recording information from the county records must be submitted describing the tract(s) that include the structure and all lands to be inundated.*** see attached Special Warranty Deed.

** ***If the Applicant is not currently the sole owner of the land on which the structure is or will be built and sole owner of all lands to be inundated, Applicant must submit documentation evidencing consent or other documentation supporting Applicant's right to use the land described.***

d. A point on the centerline of the dam (on-channel) or anywhere within the impoundment (off-channel) is:

Latitude 29.623369 °N, Longitude 97.845153 °W.

* ***Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places***

di. Indicate the method used to calculate the location (examples: Handheld GPS Device, GIS, Mapping Program): GIS

dii. Map submitted which clearly identifies the Impoundment, dam (where applicable), and the lands to be inundated. See instructions Page. 15. **Y / N** Y

DAM SAFETY SECTION
CRITICAL INFRASTRUCTURE DIVISION

Dam Safety Inspection Report

GENERAL INFORMATION

INVENTORY NO.: TX07548

DAM: Broken Oak Dam

OWNER: LARRY STRUTHOFF

STREAM: Long Branch

BASIN: Guadalupe River

COUNTY: Guadalupe

GENERAL LOCATION: 2 miles southwest of Kingsbury

DAM HEIGHT: 30 feet

SIZE CLASSIFICATION: Intermediate

NORMAL CAPACITY: 974 acre-feet

MAXIMUM CAPACITY: 1,680 acre-feet

NORMAL WATER LEVEL: 506.5 feet mean sea level (msl) (per owner's drawings)

CURRENT WATER LEVEL: 505.6 feet msl

PREVIOUS INSPECTION DATE: N/A

CURRENT INSPECTION DATE: July 12, 2019

INSPECTION BY TCEQ PERSONNEL: Warren Samuelson, P.E. and Dan Yates, P.E.

PERSONNEL CONTACTED: Larry Struthoff

SUMMARY

Broken Oak Dam, an intermediate size earthen dam, was inspected by TCEQ staff on July 12, 2019. This was the first TCEQ inspection of the dam. The owner was notified of the inspection on July 3, 2019. The dam was found in overall good condition. The primary issues of concern included the following: overgrown vegetation and trees on the downstream slope and toe, and large

trees in the emergency spillway; displaced riprap and benching erosion in the riprap protection on the upstream slope; erosion undermining the service spillway; hog and other animal damage on the downstream slope and toe; seepage on the downstream toe; and vegetation growing in open joints and cracks in the service spillway. An emergency action plan has not been submitted to TCEQ and a hydrologic and hydraulic analysis of the dam has not been submitted to TCEQ. A verbal exit interview, explaining the results of the inspection, was conducted on the same day of the inspection with Mr. Struthoff.

BACKGROUND

Broken Oak Dam was constructed between December 1994 and January 1995 by the owner Larry Struthoff. Mr. Struthoff said that excavation for the dam went 4-feet into clay material and that dam was constructed with a clay core, utilizing locally available material. He indicated that excavation for the core at the right end was 13 to 14 feet deep. He also indicated that he placed a clay blanket on the south bank.

Before constructing the dam, Mr. Struthoff and obtained a 404 permit from the US Army Corps of Engineers. However, he did not obtain a water rights permit. Mr. Struthoff is in the process of trying to sell the property and the dam.

Mr. Struthoff provided TCEQ staff with drawings of the crest, slopes and spillway of the dam. TCEQ compared station-elevation data presented in the drawings with 2011 LiDAR data obtained from the Texas Natural Resources Information System (TNRIS). Elevation variance between the two datasets was greater than 15 feet. The drawings show a crest that varies from 510.48 – 511.57 feet msl, while the LiDAR yields a nominal crest elevation of 528 feet msl. This suggests a possible datum shift issue with the drawings. For the purposes of this inspection report and for TCEQ data records, the elevations cited in the drawings (for the crest, spillway and culverts) will be used until better survey data becomes available.

TCEQ estimated normal and maximum capacity using the following formula:

Capacity in acre-feet = (Dam height)*(0.4)*(Water surface area)

TCEQ delineated the surface area at the normal pool and top of dam using the 2011 LiDAR data. The results were 95.1 acres at normal pool and 140 acres at top of dam. Height of dam was taken from the owner's drawings. Using the estimated capacity formula yields the following:

Normal capacity = (25.6 feet)*(0.4)*(95.1 acres) = 973.8 acre-feet

Maximum capacity = (30 feet)*(0.4)*(140 acres) = 1,680 acre-feet

It is also noted that the drawings show a 12-foot crest width, but the dam is now topped by a 16-foot wide asphalt concrete road.

PRE-INSPECTION MEETING

TCEQ staff were met at the dam by Mr. Struthoff and Roger McDawell. Mr. Struthoff gave an overview of the construction of the dam. He also said that the dam has never been overtopped, and that the emergency spillway on the right side of the dam has only been engaged once. Mr. McDawell accompanied TCEQ for the full duration of the inspection. Mr. Struthoff did not accompany TCEQ for the inspection but returned to the dam for an exit interview.

INSPECTION FINDINGS

Figure 1 is a location map. Figure 2 is a 2018 aerial photo of the dam with 10-foot contours. Figure 3 is a 2018 aerial of the dam and surrounding area, indicating embankment photo locations. Figure 4 is an aerial of the service spillway section indicating photo locations. Note that right and left indications are from the perspective of an observer looking downstream. Field measurements were taken during the inspection using a hand-level and survey rod. The water level was at approximately 0.9 feet below the invert of the service spillway culverts.

Crest

- The crest of the dam is topped by a 16-foot wide asphalt concrete road.
- The crest was in good alignment. [Photos 1-2]
- Longitudinal cracking was observed in the asphalt concrete. The cracking was most prominent on the upstream and downstream sides of the roadway but was also evident in the center. Cracks up to 6 inches were observed. [Photos 3-4]
- The crest was found to be in good condition.

Upstream Slope

- The 4.5 horizontal to 1 vertical [4.5H:1V] upstream slope is an earthen embankment with a rock riprap covered lower section and grass covered upper section. [Photo 5]
- Minor vegetation growth was noted in the rock riprap protection including a small tree at the left end.
- Areas of displaced riprap and exposed embankment were observed at numerous locations. [Photo 6]
- Wind and wave action erosion with 2-foot benching was observed. [Photos 7-9]
- The upstream slope was found to be in good condition.

Downstream Slope

- The 6H:1V downstream slope is an earthen embankment with a grassy vegetative cover. [Photos 10-11]
- The slope was in an overgrown condition with 2 to 3-foot tall grass, weedy brush and small 6 to 7-foot tall trees. [Photos 12-13]
- A large 30-foot wide area of hog damage was observed on the toe near the right end of the slope. Other smaller areas of hog damage were observed along the toe and lower slope. [Photos 14-15]
- Seepage was observed at the toe extending across the middle third of the embankment's length. Dense cattails and other aquatic vegetation were observed. [Photo 16]
- A burrow into the toe (probed to 2 feet) was observed at the seep's water surface. [Photo 17]
- Numerous burrows and animal trails were observed on the embankment. [Photo 18]
- The downstream slope was found to be in fair condition.

Service Spillway

- The service spillway is located at the left end of the embankment and is a trapezoidal concrete overflow structure with a low water crossing comprised of eighteen 2-foot inner diameter concrete culvert pipes. The downstream side of the roadway has eighteen 24-inch by 8-inch by 8-inch baffle blocks spaced uniformly along its edge. Flow through the culverts and over the crossing then enters a stepped concrete spillway channel where it travels for approximately 180 feet downstream before encountering approximately fifty 3 to 4-foot boulder baffle blocks embedded in the channel concrete. The spillway channel then turns and discharges to the right to Long Branch which then flows approximately 0.8 miles to Interstate 10. [Photo 19-20]
- Open construction joints were observed between the concrete of the circular culverts and the concrete of the low water crossing's upstream approach. Gaps between sections of culvert pipe were observed. [Photo 21]
- Cracking, spalling and exposed reinforcing steel was observed on the downstream side of the low water crossing. [Photo 22]
- The concrete channel is crossed by an 8-foot tall game fence. The fence has hinged flap sections to facilitate passage of debris. Corrosion was observed on the entire fence and has frozen one of the flap sections. [Photo 23]
- Vegetation was observed in cracks, open construction joints and in the baffle blocks. [Photo 24]
- Erosion and undermining of the left concrete side slope and channel was observed at the downstream end. [Photos 25-27]

- The service spillway was found to be in fair condition.

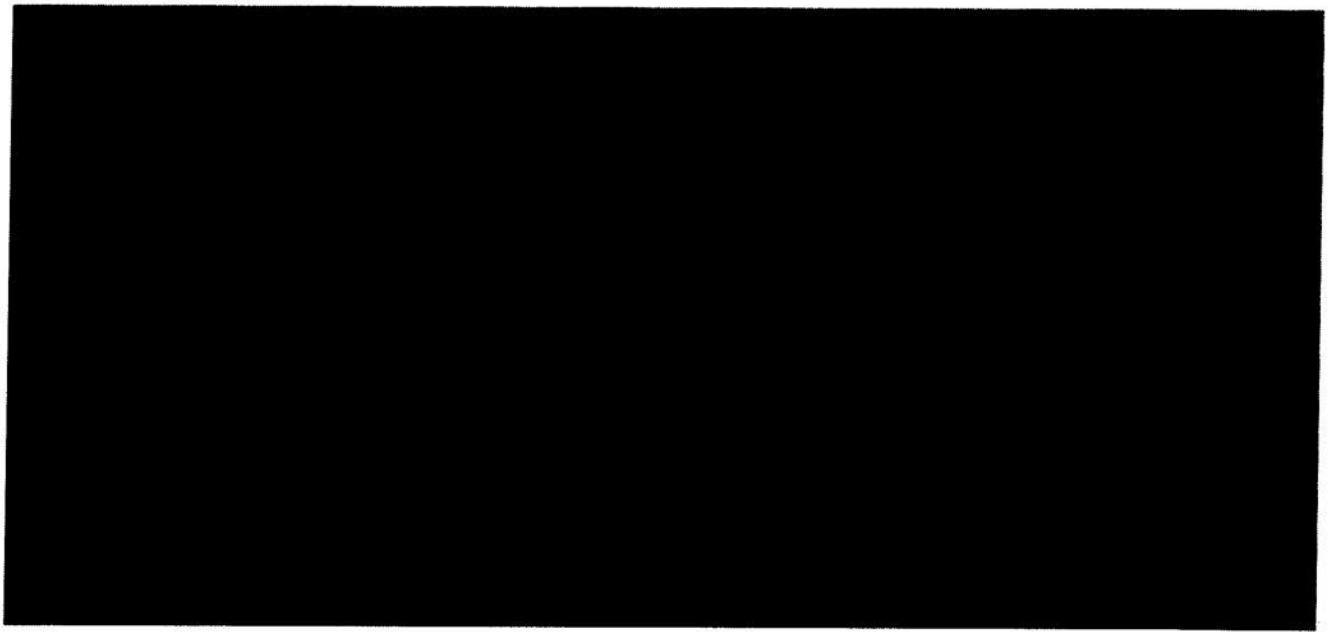
Emergency Spillway

- There is a low section of the roadway on the right end of the dam that functions as an emergency spillway. [Photo 28]
- The spillway approach has good grass cover. Large trees were observed in the estimated flowpath, both upstream and downstream of the crest. [Photo 29]
- The emergency spillway was found to be in good condition.

Downstream Channel

- The channel downstream of the concrete service spillway was overgrown with heavy brush and trees.
- 4 to 5-foot erosion was observed immediately downstream of the concrete spillway.
- The downstream channel was found in fair condition.

CONFIDENTIAL



OPERATION AND MAINTENANCE (O&M) PLAN

The owner did not indicate that a written O&M plan is available, but it was observed that a program of maintenance is performed at the dam.

EMERGENCY ACTION PLAN (EAP)

An EAP has not been submitted to TCEQ.

REQUIREMENTS/RECOMMENDATIONS

The following requirements and/or recommendations are provided (not prioritized):

1. As indicated during the inspection and in our letter of July 16, 2019, an application for a water rights permit needs to be filed as soon as possible.

2. In 30 TAC Chapter 299, §299.61, an EAP is required.

   The *Guidelines for Developing Emergency Action Plans for Dams in Texas* (and associated electronic templates) can be downloaded at:

   https://www.tceq.texas.gov/compliance/investigation/damsafetyprog.html#guide_eaps

3. In 30 TAC Chapter 299, §299.15, the hydraulic requirements for dams and spillways are indicated. The dam's hydraulic adequacy is unknown, and it is recommended that a Texas Licensed Professional Engineer (PE) conduct an H&H analysis. The *Hydrologic and Hydraulic Guidelines for Dams in Texas* can be downloaded at:

   https://www.tceq.texas.gov/assets/public/comm_exec/pubs/gi/gi-364.pdf

   Depending on the results of the analysis, additional spillway capacity may need to be designed and installed. Any proposed modifications to the dam need to be reviewed and approved by TCEQ Dam Safety prior to construction.

4. In 30 Texas Administrative Code (TAC) Chapter 299, §299.43(a), a written O&M plan is required to be developed. The owner may use the most current version, at the time of the plan's development, of the agency's *Guidelines for Operation and Maintenance of Dams in Texas*, a manual, a checklist, or some other written procedure to demonstrate implementation of the program. The *Guidelines for Operation and Maintenance of Dams in Texas* can be downloaded at:

   https://www.tceq.texas.gov/publications/gi/gi_357/index.html

   This plan should be designed to provide the owner or owner's representatives clear instructions for everyday operation of the dam, as well as maintenance guidance. The plan is for the owner's records and

should be accessible if requested by TCEQ; however, the plan is not required to be submitted to, nor is the plan approved by TCEQ. Your O&M plan shall include items addressed in the requirements/recommendations portion of this report. The method and the timeframe for addressing these items are left up to the owner, and it is recognized that finances may govern when the work can be undertaken. The following deficiencies need to be monitored in conjunction with your O&M plan:

a. *Overgrown condition: small trees and overgrown vegetation on the downstream slope and toe, and trees in the emergency spillway.*

   All excessive vegetation, brush, and trees with a trunk diameter less than 4 inches should be removed from the dam embankment's crest, slopes, and the area located within 15-20 feet of the embankment's toe. After removal, a short grass cover (or riprap repair) should be established over the affected areas. A short grass cover provides an ideal surface to protect against erosion, prevents harborage for burrowing animals, and allows for easier detection of incipient problems. Mowing should be performed as needed (prior to any future inspections (including owner inspections), and/or typically not less than twice yearly). Mr. Struthoff indicated that the dam is mowed once every two years.

   All trees regardless of size should be removed from the emergency spillway. The trees and roots are to be removed, the resulting holes backfilled with properly compacted non-dispersive clay, and a vegetative cover established.

b. *Benching erosion: missing riprap and benching erosion was observed in the riprap protection on the upstream slope.*

   Sections of missing riprap should be filled in. The erosion condition should be monitored periodically, and after any high wind or storm events, for any progression toward the crest.

c. *Undermining erosion: turbulent flows have eroded the channel downstream of the service spillway and the side slope and spillway slab are being undermined.*

   Repairs should be implemented to prevent any further undermining of the concrete side slope and spillway slab.

d. *Cracking and Open Joints: Small cracks and open joints were observed between the culvert pipes and surrounding concrete, vegetation was observed in cracks and open joints of the concrete spillway, and cracks were observed on the roadway on the embankment crest.*

Cracks should be cleaned and sealed with a flexible water-resistant sealant.

e. *Spalling, Disintegration, or Erosion (of Concrete Structures): concrete spalling and exposed and corroded reinforcing steel was observed at the construction joint between the downstream face of the low water crossing and the spillway apron, exposed and corroded reinforcing steel was observed on the spillway slab:*

Corroded steel should be replaced/repaired. Spalled concrete should be repaired, and cracks sealed with a flexible water-resistant sealant.

f. *Seepage: seepage was observed at the toe of the downstream slope extending across the middle third of the embankment's length.*

The downstream toe area should be routinely monitored for seepage. The normal amount should be estimated, and the seepage monitored at least monthly for any increase, especially if there is no corresponding rise in reservoir elevation. Recording seepage rates and corresponding reservoir level observations in a maintenance log will help identify potentially critical areas where water may be seeping through the embankment or foundation; extra care should be taken to detect seepage when reservoir levels are high.

If seepage location(s) move (or emerge) high up on the embankment and/or historic seepage flowrates should increase drastically or include suspended soil (fines) or boils, then it is possible/likely that a piping condition exists and your PE, as well as TCEQ Dam Safety, should be contacted immediately. The reservoir may need to be lowered or drained to prevent an emergency situation from developing.

g. *Burrows and Hog Damage: extensive feral hog damage was observed on the downstream slope, burrows and trails were observed on the downstream slope.*

The noted animal burrows should be backfilled with properly compacted non-dispersive clay, and a vegetative cover should be established. Burrowing activity can create flow paths and can otherwise weaken the integrity of the embankment. Additionally, the noted hog damage destroys the dam's protective vegetative cover and exposes the embankment material, which could lead to erosion. Assistance in removing nuisance animals can be obtained from the Texas Wildlife Services Program. Nuisance animals should be discouraged from inhabiting the dam.

If conditions worsen with any of the deficiencies, then a PE should be consulted to determine the level of damage and recommend repairs/improvements, if needed.

5. If the property and dam are sold, the new owner's name and address are required to be provided to TCEQ.

CONCLUSIONS

The owner of this dam may be liable for downstream damages in the event of a spill or breach. It is the owner's responsibility to maintain the dam in a safe condition in order to prevent loss of life and limit the potential for property loss. In addition, regular maintenance may reduce future rehabilitation and repair costs. This structure will be scheduled for reinspection in 5 years, or in conjunction with any modifications.

Warren D. Samuelson, P.E.
Manager, Dam Safety Section
Critical Infrastructure Division

Dan Yates, P.E.
Dam Safety Section
Critical Infrastructure Division

Figure 1 - Location Map
Broken Oak Dam TX07548

This map was generated by the Critical Infrastructure Division of the Texas Commission on Environmental Quality. This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. For more information concerning this map contact the Critical Infrastructure Division at 512-239-1510.

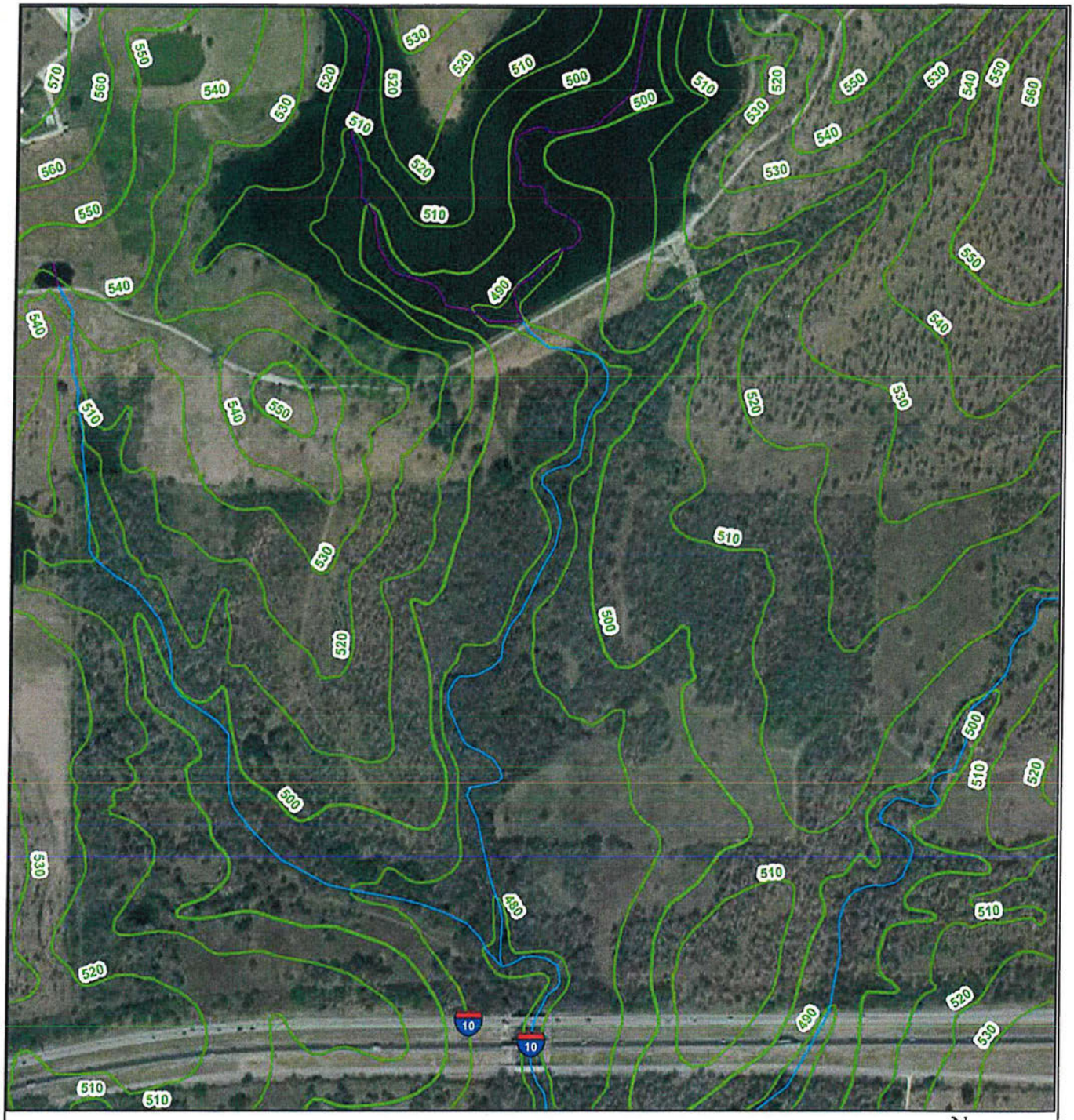


Figure 2 - Broken Oak Dam 10-foot Contours

This map was generated by the Critical Infrastructure Division of the Texas Commission on Environmental Quality. This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. For more information concerning this map contact the Critical Infrastructure Division at 512-239-1510.

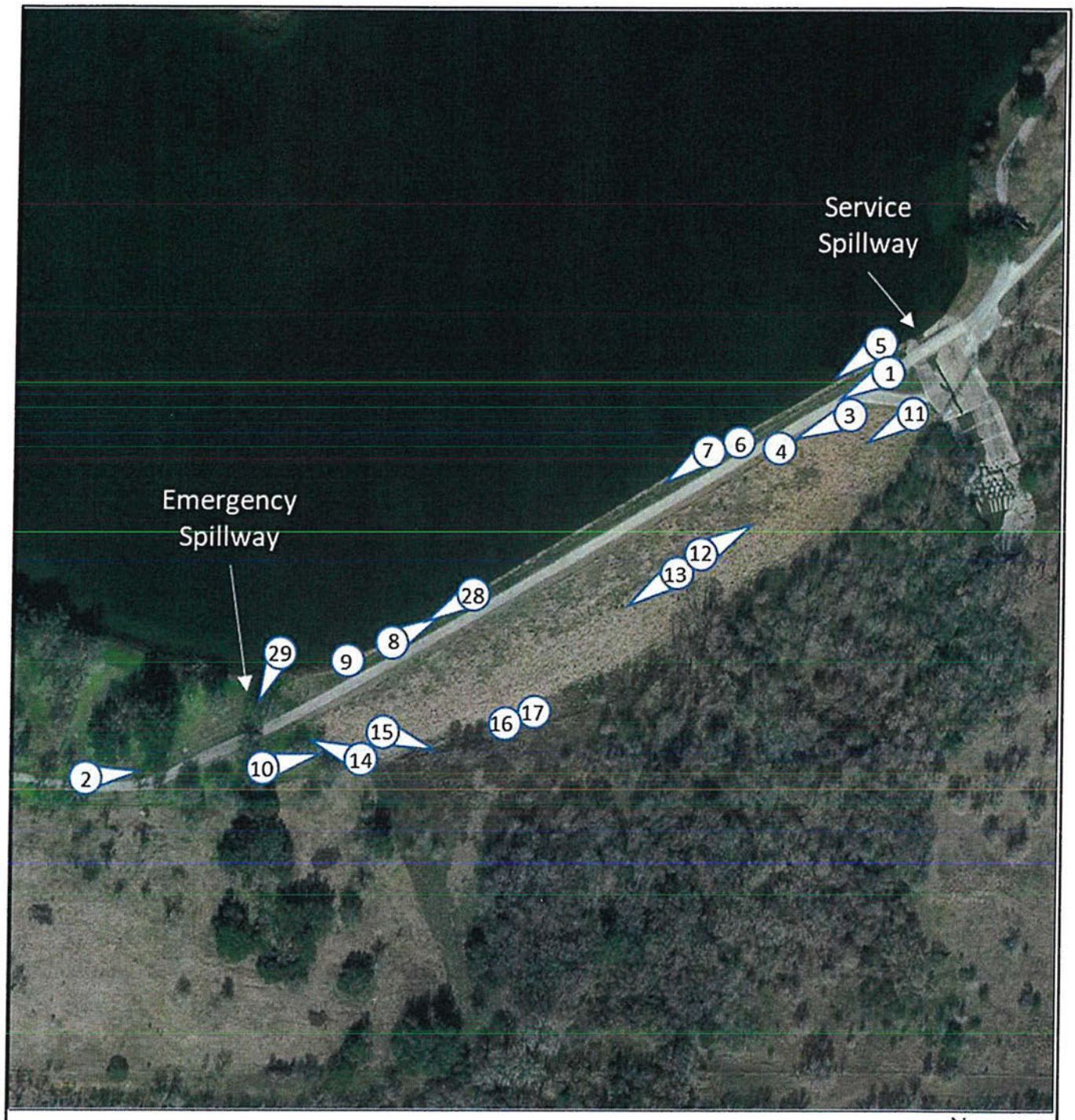


Figure 3 - Broken Oak Dam Embankment Photo Locations

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Figure 4 - Broken Oak Dam Service Spillway Photo Locations

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Photo 1 – Crest. At service spillway. Looking right. Note cracking in asphalt concrete.

Photo 2 – Crest. At right end of emergency spillway. Looking left.

Photo 3 – Crest. Looking right. Note asphalt concrete cracking.

Photo 4 – Crest. Typical cracking. Probed to 4 inches.

Photo 5 – Upstream slope. At service spillway. Looking right. Note minor vegetation in riprap.

Photo 6 – Upstream slope. Displaced riprap and exposed embankment.

Photo 7 – Upstream slope. Looking right. Note displaced riprap and benching erosion.

Photo 8 – Upstream slope. Mid embankment. Looking left. Note displaced riprap and benching.

Photo 9 – Upstream slope. At right end of riprap section. Note erosion.

Photo 10 – Downstream slope. At right end of dam. Looking left.

Photo 11 – Downstream slope. At service spillway. Looking right.

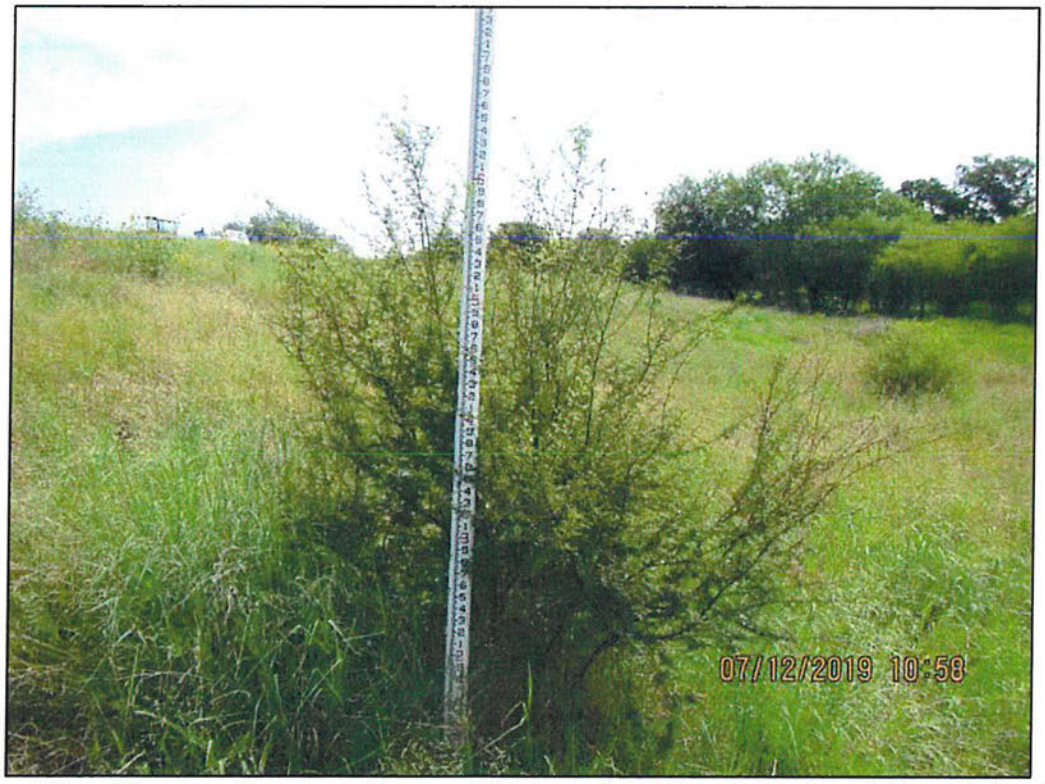

Photo 12 – Downstream slope. Mid embankment. Looking left. Note trees and brush.

Photo 13 – Downstream slope. Mid embankment. Looking right. Note trees and brush.

Photo 14 – Downstream slope. Near right end. Looking upstream and to right. Note hog damage.

Photo 15 – Downstream slope toe. Near right end. Looking downstream. Note hog damage.

Photo 16 – Downstream toe. Mid dam. Note seepage.

Photo 17 – Downstream toe. Seepage. Note animal activity.

Photo 18 – Downstream slope. Typical animal burrow.

Photo 19 – Service spillway. At left end looking right.

Photo 20 – Service spillway. Upstream culvert inlet. Eighteen 2-foot circular concrete culvert pipes.

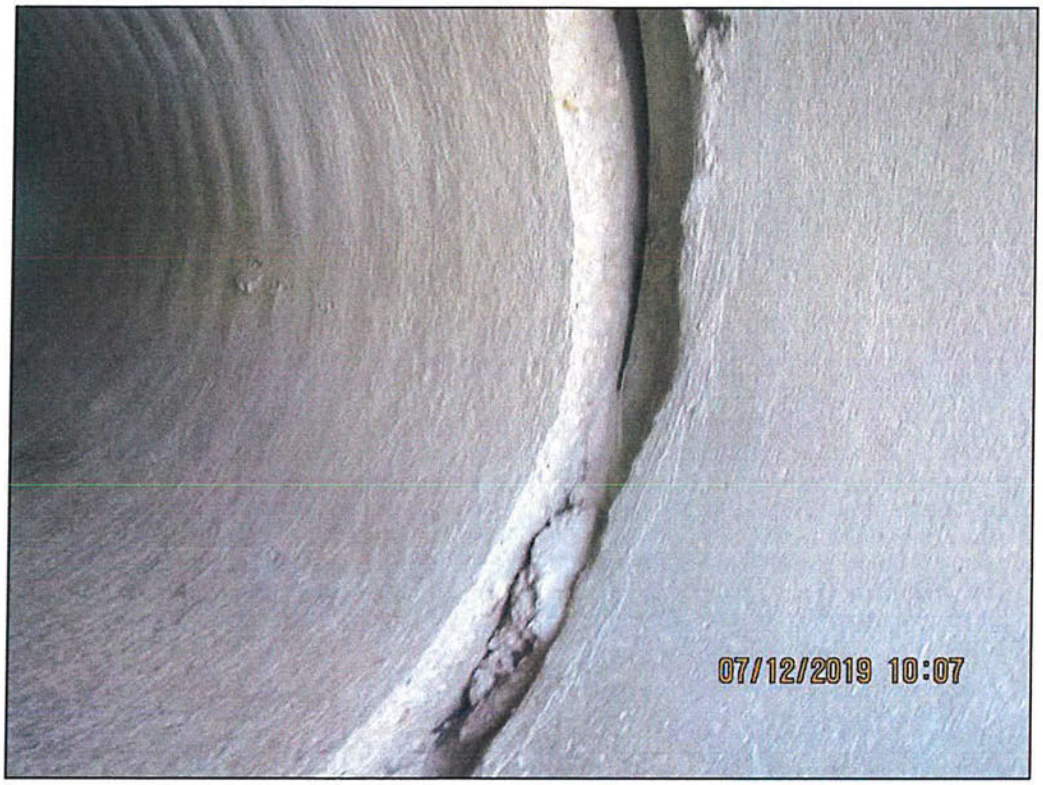

Photo 21 – Service spillway. Upstream side. Note typical gaps in construction joint.

Photo 22 – Service spillway. Culvert pipe outlet at right end. Note spalling, cracks, voids, open joints, exposed reinforcing steel.

Photo 23 – Service spillway. At right side looking upstream. 8-foot fence with flap gate sections. Note corrosion.

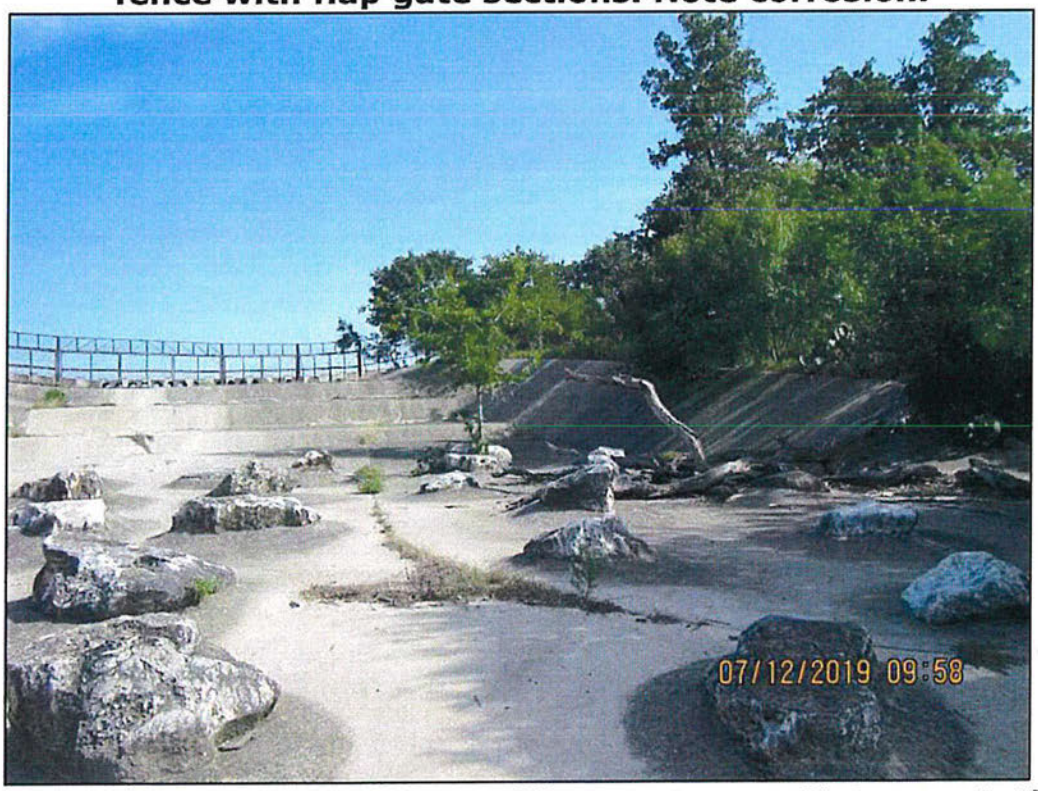

Photo 24 – Service spillway. Looking upstream. Note vegetation.

Photo 25 – Service spillway. At downstream end. Note undermining erosion.

Photo 26 – Service spillway. At downstream end. Note undermining erosion.

Photo 27 – Service spillway. At downstream end. Undermining erosion probed to 4.5 feet.

Photo 28 – Emergency spillway. At mid dam looking right.

Photo 29 – Emergency spillway approach. Looking downstream. Note large trees in spillway flowpath.

Photo 30 – Downstream channel. At edge of concrete spillway. Looking downstream. Note erosion.

WESTWARD
Environmental. Engineering. Natural Resources.

[January 26, 2022]

[Name]
[Address 1]
[Address 2]

Subject: **Kiteboard Ranch, LLC**
Application for Water Rights Permit
Guadalupe County, Texas

Dear Mr./Ms. _____,

Kiteboard Ranch, LLC (Kiteboard Ranch) is the owner of ~640-acre Broken Oak Ranch which is located two (2) miles southwest of the City of Kingsbury and north of Interstate 10 in Guadalupe County, Texas. There is an existing lake on the property that is part of the drainage conveyance system on Long Branch in the Guadalupe River Basin. As part of the proposed plan for development, which includes the reuse of the lake for recreational purposes, Westward Environmental, Inc. (WESTWARD) has applied for a Water Rights Permit on behalf of Kiteboard Ranch.

WESTWARD is pursuing this application with the Texas Commission on Environmental Quality (TCEQ) to appropriate State Water by utilizing private onsite groundwater wells to replace water loss due to evaporation thereby maintaining the water levels of the existing lake. There will be no consumptive use or impoundment of State Water.

Notification of the application is being sent to all of the Water Rights holders in the Guadalupe River Basin as well as to all members of the Guadalupe County Commissioners Court. If you have any questions regarding this application, you may contact our office at 830-249-8284.

Respectfully Submitted,
WESTWARD ENVIRONMENTAL, INC.

Curt G. Campbell, PE, CFM
VP Engineering & Natural Resources
TX License No. 106851 | TX Firm No. 4524

FILED BY PRESIDIO TITLE

1-190490

SPECIAL WARRANTY DEED

STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS
COUNTY OF GUADALUPE §

Pursuant to the provisions of the Bankruptcy Court Order attached hereto as Exhibit "A", which is incorporated herein by reference as if set forth in full for all purposes, OLMOS COMPANIES 1, LLC ("Grantor"), for and in consideration of the sum of Ten and No/100 Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of all consideration are hereby acknowledged, has GRANTED, SOLD AND CONVEYED and by these presents does GRANT, SELL AND CONVEY unto KITEBOARD RANCH, LLC, a Texas limited liability company ("Grantee")*, that certain real property located in Guadalupe County, Texas, being more particularly described on **Exhibit "B"** attached hereto and fully made a part hereof (the "Land"), together with all of Grantor's improvements located thereon and all rights and appurtenances thereto in anywise belonging to Grantor, including but not limited to, all rights, titles and interests, if any, of Grantor in (a) any land lying in or under the bed of any highway, avenue, street, road, alley, open or proposed, in, on, across, abutting or adjacent to the Land, but only from the Land to the center line of such highway, avenue, street, road, or alley; and (b) all rights, titles and interests of Grantor, if any, in and to any awards made, or to be made in lieu thereof, for damage by reason of change in grade of any such highway, avenue, street, road or alley with respect to the Land only (all of said Land, property and interest being collectively referred to herein as the "Property"), subject, however, to those matters described on **Exhibit "C"** attached hereto and fully made a part hereof (the "Permitted Exceptions").

TO HAVE AND TO HOLD the above described Property, subject to the Permitted Exceptions, together with any and all the rights and appurtenances thereto in anywise belonging to Grantor, unto the said Grantee, their legal representatives, successors and assigns FOREVER, and Grantor does hereby bind himself and its legal representatives, successors and assigns to WARRANT AND FOREVER DEFEND all and singular the Property unto the said Grantee, their successors, legal representatives and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof by, through or under Grantor, but not otherwise.

It is expressly agreed and stipulated that the vendor's lien and superior title are retained against the above described property, premises and improvements until the above described note and all interest thereon shall be fully paid according to its face, tenor, effect and reading, when this deed shall become absolute.

THIS CONVEYANCE IS MADE WITHOUT RECOURSE (EVEN AS TO THE RETURN OF THE PURCHASE PRICE), REPRESENTATION OR WARRANTY (EXCEPT AS TO THE SPECIAL WARRANTY OF TITLE CONTAINED HEREIN) OF ANY KIND, EXPRESS, IMPLIED OR STATUTORY AND GRANTOR IS TRANSFERRING THE PROPERTY COVERED HEREBY AS IS, WHERE IS, AND WITH ALL FAULTS, AND WITHOUT REPRESENTATIONS OR WARRANTY (ALL OF WHICH GRANTOR HEREBY DISCLAIMS) (EXCEPT AS TO THE WARRANTIES, COVENANTS AND

*address of 3571 Far West Blvd #82, Austin, TX 78731

FILED BY PRESIDIO TITLE

1-190490

SPECIAL WARRANTY DEED

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COUNTY OF GUADALUPE §

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*address of 3571 Far West Blvd #82, Austin, TX 78731

REPRESENTATIONS EXPRESSLY MADE HEREIN) AS TO FITNESS FOR ANY PARTICULAR PURPOSE, MERCHANTABILITY, DESIGN, QUALITY, LAYOUT, FOOTAGE, PHYSICAL CONDITION, OPERATION, COMPLIANCE WITH SPECIFICATIONS, ABSENCE OF LATENT DEFECTS, OR COMPLIANCE WITH LAWS AND REGULATIONS (INCLUDING, WITHOUT LIMITATION, THOSE RELATING TO HEALTH, SAFETY AND THE ENVIRONMENT) OR ANY OTHER MATTER AFFECTING OR RELATED TO THE PROPERTY. GRANTEE ACKNOWLEDGES THAT, BY ACCEPTING THIS DEED, GRANTOR HAS NOT, (EXCEPT AS TO THE WARRANTIES, COVENANTS AND REPRESENTATIONS EXPRESSLY MADE HEREIN, MADE, DOES NOT MAKE AND SPECIFICALLY DISCLAIMS ALL REPRESENTATION AND WARRANTIES AS TO WATER, SOIL OR GEOLOGY OF THE PROPERTY AND AS TO INCOME TO BE DERIVED FROM THE PROPERTY. WITHOUT LIMITING THE FOREGOING (EXCEPT AS TO THE WARRANTIES, COVENANTS AND REPRESENTATIONS EXPRESSLY MADE HEREIN, INCLUDING, WITHOUT LIMITATION THOSE SET FORTH IN THIS CONTRACT), GRANTOR DOES NOT AND HAS NOT MADE ANY REPRESENTATION OR WARRANTY REGARDING THE PRESENCE OR ABSENCE OF ANY HAZARDOUS SUBSTANCES (AS HEREINAFTER DEFINED) ON, UNDER OR ABOUT THE PROPERTY OR THE COMPLIANCE OR NONCOMPLIANCE OF THE PROPERTY WITH THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT, THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT, THE RESOURCE CONSERVATION RECOVERY ACT, THE FEDERAL WATER POLLUTION CONTROL ACT, THE FEDERAL INSECTICIDE, FUNGICIDE AND RODENTICIDE ACT, THE CLEAN WATER ACT, THE CLEAN AIR ACT, THE TEXAS NATURAL RESOURCES CODE, THE TEXAS WATER CODE, THE TEXAS SOLID WASTE DISPOSAL ACT, THE TEXAS HAZARDOUS SUBSTANCES SPILL PREVENTION AND CONTROL ACT, ANY SO CALLED FEDERAL, STATE OR LOCAL "SUPERFUND" OR "SUPERLIEN" STATUTE, OR ANY OTHER STATUTE, LAW, ORDINANCE, CODE, RULE, REGULATION, ORDER OR DECREE REGULATING, RELATING TO OR IMPOSING LIABILITY (INCLUDING STRICT LIABILITY) OR STANDARDS OF CONDUCT CONCERNING ANY HAZARDOUS SUBSTANCES (COLLECTIVELY, THE "HAZARDOUS SUBSTANCE LAWS"). FOR PURPOSES OF THIS AGREEMENT, THE TERM "HAZARDOUS SUBSTANCES" SHALL MEAN AND INCLUDE THOSE ELEMENTS OR COMPOUNDS WHICH ARE CONTAINED ON THE LIST OF HAZARDOUS SUBSTANCES ADOPTED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AND THE LIST OF TOXIC POLLUTANTS DESIGNATED BY CONGRESS OR THE ENVIRONMENTAL PROTECTION AGENCY OR UNDER ANY HAZARDOUS SUBSTANCE LAWS. GRANTEE HEREBY FURTHER ACKNOWLEDGES AND AGREES THAT, BY ACCEPTING THIS DEED, IT IS, EXCEPT AS TO THE WARRANTIES, COVENANTS AND REPRESENTATIONS EXPRESSLY MADE HEREIN, RELYING SOLELY UPON THE INSPECTION, EXAMINATION, AND EVALUATION OF THE PROPERTY BY GRANTEE. THE PURCHASE PRICE IS A NEGOTIATED PURCHASE PRICE REPRESENTING THE FACT THAT THE PROPERTY IS BEING PURCHASED BY GRANTEE ON AN "AS IS," "WHERE IS" AND "WITH ALL FAULTS" BASIS. THE EXPRESS INTENTION OF GRANTEE AND GRANTOR IS THAT GRANTEE SHALL PURCHASE THE PROPERTY FROM GRANTOR WITHOUT ANY REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, FROM OR OF GRANTOR (OTHER THAN THE EXPRESS WARRANTIES, COVENANTS AND REPRESENTATIONS OF GRANTOR SET

FORTH IN THE CONTRACT AND OTHER THAN THE SPECIAL WARRANTIES HEREIN). GRANTEE HEREBY WAIVES AND RELINQUISHES ALL RIGHTS AND PRIVILEGES ARISING OUT OF, OR WITH RESPECT, OR IN RELATION TO, ANY REPRESENTATION OR WARRANTY, WHETHER EXPRESS OR IMPLIED, WHICH MAY HAVE BEEN MADE OR GIVEN, OR WHICH MAY BE DEEMED TO HAVE BEEN MADE OR GIVEN, BY GRANTOR OTHER THAN THE SPECIAL WARRANTIES IN THIS SPECIAL WARRANTY DEED). WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, GRANTEE HEREBY ASSUMES ALL RISK AND LIABILITY (AND AGREES THAT GRANTOR SHALL NOT BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, CONSEQUENTIAL, OR OTHER DAMAGES) RESULTING OR ARISING FROM OR RELATING TO THE OWNERSHIP, USE, CONDITION, LOCATION, MAINTENANCE, REPAIR, OR OPERATION OF THE PROPERTY, EXCEPT AS OTHERWISE PROVIDED HEREIN. GRANTEE ACKNOWLEDGES THAT GRANTEE HAS INSPECTED THE PROPERTY AND HAS ACCEPTED THE PROPERTY "AS IS", "WHERE IS" AND "WITH ALL FAULTS." GRANTOR IS NOT LIABLE OR BOUND IN ANY MANNER BY ANY VERBAL OR WRITTEN STATEMENTS, REPRESENTATIONS, OR INFORMATION PERTAINING TO THE PROPERTY FURNISHED BY ANY REAL ESTATE BROKER, AGENT, EMPLOYEE, SERVANT OR OTHER PERSON, UNLESS THE SAME ARE SPECIFICALLY SET FORTH OR REFERRED TO HEREIN, AND GRANTOR SHALL NOT BE LIABLE OR BOUND IN ANY MANNER BY ANY STATEMENT OR INFORMATION CONTAINED IN ANY REPORT PROVIDED PURSUANT TO THIS DEED AND PRIOR AGREEMENTS, OR ANY OMISSION WITH RESPECT TO ANY SUCH REPORT. IT IS UNDERSTOOD AND AGREED THAT THE PURCHASE PRICE HAS BEEN ADJUSTED BY PRIOR NEGOTIATION TO REFLECT THAT ALL PROPERTY IS SOLD BY GRANTOR SUBJECT TO THE FOREGOING.

By accepting this deed, GRANTEE has agreed that and understands that Grantor shall not be responsible or liable to GRANTEE for any defects, errors, omissions, or on account of any other conditions affecting the Property, and because GRANTEE is purchasing the Property AS IS, WHERE IS, and WITH ALL FAULTS, GRANTEE hereby fully, irrevocably and unconditionally releases and discharges the Grantor and, as applicable, its officers, directors, successors, assigns, administrator(s), trustees, agents, attorneys, employees and representatives (collectively, the "Grantor Parties") from, and GRANTEE hereby waives and relinquishes any claims that GRANTEE may ever have against the Grantor and Grantor Parties for, any cost, loss, liability, damage, and expense arising out of or related to any alleged representations (other than those expressly made herein, including, without limitation those set forth in this Agreement), or warranties, whether express or implied, which may have been made or given, or which may be deemed to have been given by Grantor Parties (Grantor having specifically disclaimed having made any such representations or warranties), or any defects or other conditions affecting the Property, including, without limitation, claims arising out of the presence of Hazardous Substances on the Property or any other past, present or future physical or environmental condition of the Property. THE RELEASE AND WAIVER CONTAINED IN THIS SECTION SHALL APPLY AND BE ENFORCEABLE AS A DEFENSE AGAINST ANY CLAIMS MADE BY GRANTEE (OR GRANTEE'S SUCCESSORS AND ASSIGNS) EXCEPT AS PROVIDED IN THE CONTRACT AND THIS DEED, and such release and waiver shall be given full force and effect according to each of its express terms and provisions, whether the causes of action are in the nature of fraud,

tort or breach of Contract, choate or inchoate, or relating to unknown and suspected claims, damages or losses.

Ad valorem taxes applicable to the Property have been paid up to and including the year 2018 and ad valorem taxes applicable to the Property for the year 2019 have been prorated by Grantor and Grantee as of the date of this Special Warranty Deed. Subject to any rights regarding reallocation of said pro-rations contained in any document executed between Grantor and Grantee, Grantee hereby assumes payment of ad valorem taxes for the year 2019 and each year thereafter.

This deed is being executed in original counterparts which will be recorded in the office of the County Clerk of Guadalupe County, Texas.

EXECUTED AND EFFECTIVE as of November 18, 2019.

GRANTOR:

Olmos Companies 1, LLC

By: _____
Larry Struthoff, Managing Member

STATE OF TEXAS §
COUNTY OF BEXAR §

This instrument was acknowledged before me on November 18, 2019 by Larry Struthoff in his capacity as Managing Member of Olmos Companies 1, LLC and on behalf of said limited liability company.

DAVID A MCALLISTER
Notary Public
STATE OF TEXAS
My Comm. Exp. 09/01/2020
ID # 1069508-1

_____
Notary Public for the State of Texas

EXHIBIT "A"

IT IS HEREBY ADJUDGED and DECREED that the below described is SO ORDERED.

Dated: November 14, 2019.

Craig A. Gargotta

CRAIG A. GARGOTTA
UNITED STATES BANKRUPTCY JUDGE

IN THE UNITED STATES BANKRUPTCY COURT
FOR THE WESTERN DISTRICT OF TEXAS
SAN ANTONIO DIVISION

IN RE:	§	**CASE NO. 19-51098-CAG**
OLMOS COMPANIES 1, LLC	§	
	§	**CHAPTER 11 PROCEEDING**
Debtor	§	

ORDER GRANTING DEBTOR OLMOS COMPANIES 1, LLC'S MOTION FOR EXPEDITED AUTHORITY TO SELL ASSETS FREE AND CLEAR OF LIENS AND CLAIMS

On November 1st, 2019, Olmos Companies 1, LLC ("Olmos" or the "Debtor") filed its Motion for Expedited Authority to Sell Assets Free and Clear of Liens and Claims (the "Sale Motion"). In the Sale Motion, the Debtor sought authority for the Debtor to sell substantially all of Olmos' assets (the "Property") to Steven Yacktman or his assignee Kiteboard Ranch, LLC (the "Purchaser") pursuant to the sales contract (the "Contract"), a copy of which was attached to the Sale Motion as Exhibit "A". Unless otherwise defined in this Order, capitalized terms used herein shall have the meanings ascribed to them in the Contract. On November 13th, 2019, a hearing (the "Sale Hearing") was held to consider the Debtor's request for entry of an order approving the Sale Motion and any timely filed objections.

The Court, having reviewed the Sale Motion and the record in this case and having

considered argument of counsel and evidence presented at the Sale Hearing finds that the Sale Motion is in the best interest of the Debtor and its estate. As a result, for good cause shown, and the reasons stated by the Court on the record at the Sale Hearing (which are incorporated herein by reference), the Court finds as follows:

A. The Debtor has continued in possession of its property and is operating its business as a Debtor-in-possession pursuant to Sections 1107(a) and 1108 of the Bankruptcy Code.

B. This Court has jurisdiction over this matter and the parties and property affected thereby, pursuant to 28 U.S.C. §§ 157 and 1334, 11 U.S.C. §§ 363 and 365, and Fed. R. Bankr. P. 2002, 6004, 9007 & 9014. This is a core proceeding within the meaning of 28 U.S.C. § 157(b)(2)(A), (M), (N) an (O). Venue is proper pursuant to 28 U.S.C. §§ 1408 and 1409.

C. Due and adequate notice of the filing of the Sale Motion and the Sale Hearing was given by service of the Sale Motion and notices of the hearing. Notice of the Sale Motion and Sale Hearing was reasonably calculated to provide all interested parties with timely and proper notice of the same. As evidenced by the certificate of service previously filed with the Court, proper, timely, adequate and sufficient notice of the Sale Motion and Sale Hearing and the transactions contemplated thereby was provided in accordance with the orders previously entered by this Court, section 105(a) and 363 of the Bankruptcy Code and Bankruptcy Rules 2002, 6006, 9007 and 9014. The notices described herein were good, sufficient and appropriate under the circumstances, and no other or further notice of the Sale Motion, Sale Hearing, or the sale approved herein is or shall be required. Notice was adequate and sufficient under the circumstances of the case, and such notice complied with all applicable requirements of the Bankruptcy Code, the Federal Rules of Bankruptcy Procedure, and the Local Rules of this Court.

D. The Debtor has established that there are sufficient business justifications to authorize the sale of the Property prior to or after confirmation of a Chapter 11 plan.

E. The terms of the Contract and the temporary real property lease attached thereto are fair and reasonable and the transactions contemplated thereunder reflect the Debtor's prudent business judgment under all of the relevant circumstances and will result in the highest possible sales price for the Debtor's estate and creditors thereof. The proposed transactions contemplated in the Contract, as modified herein, are in the best interests of the Debtor, creditors and interested parties.

F. The Debtor has good title to the Property. The Debtor and the Purchaser are not affiliates of one another within the meaning of §101(2) of the Bankruptcy Code. Both the Debtor and the Purchaser have represented to the Court that Purchaser is a good faith purchaser. The Purchaser, as transferee of the Property, constitutes a good faith purchaser under Section 363 of the Bankruptcy Code, and the Purchaser is entitled to all of the protections of Section 363(m) of the Bankruptcy Code afforded to a good faith purchaser. Neither the Debtor nor the Purchaser have engaged in any conduct that would cause or permit the Contract to be avoided under §363(n) of the Bankruptcy Code.

G. The following are the undisputed lienholders on the Property:

1. Taxing authorities, including but not limited to Guadalupe County, Texas.

2. II C.B., L.P. (sometimes referred to as "II C.B."), its successor and assigns, as the successor to Ellis Management Company d/b/a Ellis Equity Lending[1], in connection with the $3,750,000.00 Promissory Note dated January 23rd, 2019, the Security Agreement filed on

[1] The Transfer of Note and Lien was recorded in the Real Property Records of Guadalupe County, Texas under Clerk's File Number 201999003127 on February 13, 2019.

January 28th, 2019, and the Deed of Trust and Security Agreement that was recorded in the Real Property Records of Guadalupe County, Texas under Clerk's File Number 2019999001799, and which documents are all attached to II C.B., L.P.'s secured proof of claim number 7 on file in this case. II C.B., L.P. is a perfected lienholder against the Property and is an oversecured creditor. Debtor has made no payments on the $3,750,000.00 Promissory Note since execution of the $3,750,000.00 Promissory Note on January 23, 2019. In connection with the foregoing secured debt, Larry Dean Struthoff executed a Guaranty Agreement in favor of the lender, and a copy of that document is also attached to II C.B., L.P.'s secured proof of claim number 7.

Accordingly, **IT IS HEREBY ORDERED, ADJUDGED, AND DECREED, AS FOLLOWS**:

1. The Sale Motion is granted for the Purchaser referenced in the Contract and is based upon the terms and conditions set forth in the Contract and herein. In connection herewith, all objections to the Sale Motion that have not been withdrawn, resolved, waived or settled are overruled on the merits.

2. The Contract is approved in all respects, and the Debtor is authorized to sell the Property to the Purchaser specified herein and only on terms and conditions in accordance with those set forth in the Contract. The terms and provisions of the Contract are hereby approved as if fully set forth and incorporated herein; provided, however, that the terms and conditions of this Order shall control in the event of any conflict with the terms and conditions of the Contract.

3. The Debtor's sale of the Property to the Purchaser in accordance with this Order and the Contract, pursuant to Section 363 of the Bankruptcy Code, shall be free and clear of any and all liens, claims, encumbrances, and other interests, with any and all such liens, claims, encumbrances, and other interests attaching to the net proceeds of the sale in the same validity and

in the same order of priority as in the underlying Property. The claims, liens, encumbrances, and other interests, if any, asserted by any person or entity in or to any of the purchase price proceeds shall be in the same priority and subject to the same infirmities and defenses as existed with respect to the claims, liens, encumbrances, and other interests in the Property prior to the sale.

The ad valorem tax liens for 2019 and prior years pertaining to the Property shall attach to the sales proceeds and Presidio Title Company (the "Title Company") shall pay all ad valorem tax debt owed incident to the Property immediately upon closing and prior to any disbursement of proceeds to any other person or entity. Furthermore, in the event that the sale of the Property does not occur in 2019, then the ad valorem tax liens for year 2020 shall attach to the sales proceeds to secure payment of the Debtor's pro rata share of the 2020 ad valorem taxes.

The ad valorem taxes for year 2019 (or 2020 if applicable) pertaining to the Property shall be prorated in accordance with the Contract and shall become the responsibility of the Purchaser and the year 2019 (or 2020 if applicable) ad valorem tax lien shall be retained against the subject property until said taxes are paid in full.

4. Notwithstanding anything to the contrary in this Order, the Debtor is authorized, through the Title Company consummating the sale, to pay or satisfy at the Closing: (a) all allowed ad valorem taxes for 2019 (or 2020 if applicable) and prior years; (b) the $288,000.00 real estate commission due and owing to Kuper Sotheby's Realty and the Purchaser's broker pursuant to the provisions of the Contract; and (c) the allowed claim of II C.B., L.P. in the amount of $4,218,820.70 (as of November 18, 2019, with per diem accruing thereafter at the rate of $1,592.47). Furthermore, at Closing, the Debtor, either directly or through the Title Company, is authorized and shall pay $46,200.00 to the United States Trustee for quarterly fees for the first and second quarter 2019 and as an estimate for the quarterly fee for the third quarter 2019. The

payment shall be sent to the Office of the U.S. Trustee, Attn: Brian Henault, 903 San Jacinto, Room 230, Austin, TX 78701.

5. The Debtor and its representatives shall and are authorized to (a) perform and consummate the transactions contemplated by the Contract, (b) execute and deliver all documents and instruments thereby required and (c) transfer to the Purchaser, or an affiliated special purpose entity designated by the Purchaser, all right, title, and interest in and to the Property.

6. Pursuant to Sections 105(a) and 363 of the Bankruptcy Code, Bankruptcy Rule 7070 and Fed. R. Civ. Pro. 70, this Order shall and does, as of the Closing Date and the payment of the consideration described in the Contract and compliance with all terms and conditions of the Contract, divest the Debtor and its estate of all right, title, and interest in the Property and vest good, valid and marketable title in and to the Property in the Purchaser, or an affiliated special purpose entity designated by the Purchaser, free and clear of any and all liens, mortgages, security interests, pledges, hypothecations, encumbrances, restrictions, reservations, encroachments, infringements, easements, conditional sale agreements, title retention or other security arrangements, defects of title, adverse rights or interests, charges or claims of any nature whatsoever.

7. II C.B., L.P. and its successors and assigns, secured creditor and lienholder, shall be paid in full at Closing according to the terms herein, and if the sales proceeds are insufficient to do so, the sale to the Purchaser shall not close. If there are insufficient funds to pay II C.B., L.P. in full at closing, the Debtor shall be required to seek further orders from this Court prior to conveying the Property in any manner. Solely for the sale to Purchaser that is set forth in the Sale Motion and that is referenced in this Order, and without waiving any of its rights and remedies and without having made any admissions herein and without the terms of this Order being used by

Debtor or anyone else against II C.B., L.P. if the sale to Purchaser is not consummated, II C.B., L.P. has agreed to accept less than full payment of its asserted oversecured debt in connection with the sale to the Purchaser. If the sale is consummated and the Property sold to Purchaser by December 2nd, 2019 and the funds are received by Presidio Title as of that date, II C.B., L.P. will agree to be paid its pre-petition debt of $3,899,679.89 plus a reduced post-petition default interest rate of 15.5%[2] (from and including May 6th, 2019 through the date of closing) plus reasonable post-petition attorneys' fees and costs[3] through the date of consummated sale and closing in full satisfaction of its secured debt and will agree to waive any remaining deficiency against Debtor and Larry Dean Struthoff in his capacity as guarantor of the II C.B., L.P. debt. However, in the event that the sale to the Purchaser is not consummated according to the terms of the Contract or does not close by December 2nd, 2019, II C.B., L.P. may continue to assert its post-petition default rate of interest, shall not be required to accept a lower interest rate in this case or at any other time, and no person or entity may use II C.B., L.P.'s agreement to a reduced interest rate in connection with the particular sale referenced in this Order against II C.B., L.P. in any manner at any future date in connection with any proceeding or dispute between the various parties involved in this case. Nothing in this Order shall prevent II C.B., L.P. or its successors and assigns from seeking relief from the automatic stay or be deemed to constitute a waiver of any of II C.B., L.P.'s rights to seek further relief from this Court.

8. If any person or entity that has filed financing statements, liens or other documents

[2] II C.B., L.P. has asserted that its post-petition default rate of interest has been 18% since the filing of this case.

[3] II C.B., L.P. has already filed two Notices of Post-Petition Mortgage Fee notices with the Court as supplements to its secured claim number 7. The total of those fees and costs are $7,611.56 ($4,547.91 and $3,063.65) as of November 10, 2019. II C.B., L.P. has and will continue to incur additional attorneys' fees between November 11, 2019 and the date that the sale is consummated and the funds are received from the Purchaser. II C.B., L.P. shall be paid its additional attorneys' fees and costs through the date of the closing and shall provide Debtor's counsel with a copy of the detailed time records to substantiate the fees and costs.

or agreements evidencing liens on or interests in the Property shall not have delivered to the Debtor prior to the Closing, in proper form for filing and executed by the appropriate parties, termination statements, instruments of satisfaction, releases of all liens or other interests which the person or entity has with respect to the Property, all liens or interests identified in any financing statements, agreements or other documents shall be deemed released, terminated and satisfied, and this Order is and shall be binding upon and govern the acts of all entities, including without limitation, all filing agents, filing officers, title agents, title companies, recorders of mortgages, recorders of deeds, registrars of deeds, registrars of patents, trademarks or other intellectual property, administrative agencies, governmental departments, secretaries of state, federal, state, and local officials, and all other persons and entities who may be required by operation of law, the duties of their office or contract, to accept, file, register or otherwise record or release any documents or instruments, or who may be required to report or inure any title or state of title in or to any of the Property.

9. Because the Purchaser has acted in good faith, pursuant to Section 363(m) of the Bankruptcy Code, the reversal or modification of this Order on appeal will not affect the validity of the transfer of the Property to the Purchaser or any other transactions contemplated by the Contract and/or authorized by this Order, unless the same is stayed pending appeal prior to closing under the Contract. Therefore, the title company is authorized to assist in consummating the sale of the Real Property immediately upon the entry of this Order.

10. If for any reason the Purchaser fails to timely consummate the acquisition of the Property on or before November 18th, 2019 in accordance with the Contract or this Order, Purchaser shall forfeit its $48,000.00 held in escrow by the Title Company. The Title Company is authorized to deliver such $48,000.00 to the Debtor without further notice or court order.

11. The Court has jurisdiction under 28 U.S.C §§157 and 1334 and 11 U.S.C. §§105, 363, and 506 to determine the matters addressed herein as core proceedings under 28 U.S.C. §157(b). This Court shall retain jurisdiction over any issues relating to the Contract and to enforce its Order pursuant to 11 U.S.C. §105 and Bankruptcy Rule 7070. Any suit, action, proceeding, claim or dispute under or related to this Order, the disposition of purchase price proceeds, or any order necessary to consummate the sale and assignment transactions shall be determined by this Court as a core proceeding under 11 U.S.C. § 157(b) and this Court retains jurisdiction with respect thereto.

12. This is a final order and is enforceable upon entry by the Clerk of the Court. To the extent necessary under the Federal Rules of Bankruptcy Procedure 5003, 9014, 9021 and 9002, this Court expressly finds that there is no just reason for delay in this implementation of this Order and expressly directs entry of judgment as set forth herein and the stays of Federal Rules of Bankruptcy Procedure Rules 6004(h), 6006(d), 7062 and Fed. R. Civ. P. 62(a) are hereby waived, modified and shall not apply to the sale of the Property in accordance with the Contract, and the Debtor is authorized to take all actions and enter into all transactions authorized by this Order immediately. In connection with the foregoing, the Debtor, the Purchaser and the Title Company assisting with the consummation of the sale are authorized to close this transaction immediately upon entry of this Order and are not required to wait fourteen (14) days before closing the sale and assignment contemplated herein.

13. The sale does not and will not subject or expose the Purchaser, its successors or assigns, to any liability, claim, cause of action or remedy by reason of such sale and transfer, including, without limitation, any claim, cause of action or remedy based on any theory of successor or transferee liability, and Purchaser shall not assume any liability or obligation of the

Seller, fixed or contingent, disclosed or undisclosed, or any liability for any claims, debts, defaults, duties, obligations or liabilities of Debtor of any kind or nature, whether known or unknown, contingent or fixed, all of which, to the extent that they existed prior to the Closing Date, are retained by the Debtor (the "Retained Liabilities").

14. Each and every federal, state and local government agency or department are directed to accept (and file, if appropriate) any and all documents and instruments necessary to consummate the transactions contemplated by the Contract.

15. This Court retains exclusive jurisdiction to resolve any dispute arising from or related to the Contract, this Order, and the transactions contemplated thereby. The Court specifically retains jurisdiction over the assets and the executory contracts that are the subject of the Sale Motion, to the extent that the sale is not closed as a result of the inability to satisfy the conditions precedent to Closing as described in the Contract.

16. Pursuant to Federal Rule of Civil Procedure 52, the Court's findings of fact stated orally and reported in open court are hereby incorporated herein by reference, the same as if fully copied and set forth at length.

# # #

Submitted by:
William B. Kingman, SBN 11476200
Law Offices of William B. Kingman, PC
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San Antonio, TX 78209
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Counsel for Debtor

EXHIBIT "B"
Legal Description

All that certain tract or parcel of land containing 641.07 acres in Guadalupe County, Texas, out of the Young Seltoon Survey, Abstract 293, W.H. Wood Survey, Abstract 345, C.H. Hall Survey, Abstract 162 and the James A. Swift Survey, Abstract 292, being the same tract called 642.16 acres described in conveyance from larry D. Struthoff and Beverly S. Struthoff to Olmos Companies I, LLC., of record in Volume 4257, Page 221, Official Records of Guadalupe County, Texas.

Said 641.07 acre tract, being more particularly described as follows:

Beginning at a ½ inch iron pin set with cap on the North line of Pratt Road (County Road 211) at a corner of Jerome Harris, et al, 33.962 acre tract, of record in Volume 854, Page 211, Official Records of Guadalupe County, Texas, for the West corner of this tract;

Thence: along with the Southeast line of said Harris tract, the following courses and distances:
North 49 degrees 18 minutes 51 seconds East, 929.26 feet to a fence post found and North 49 degrees 09 minutes 43 seconds East, 750.43 feet to a 5 inch diameter fence post found, at the East corner of said Harris tract, for a corner of this tract;

Thence: North 40 degrees 32 minutes 23 seconds West, 810.32 feet to an iron pipe found on the Northeast line of Ralph & Terry Boehke, 109.738 acre tract, of record in Volume 871, Page 210, Official Records of Guadalupe County, Texas, at the South corner of Thomas E. & Patricia C. Lewis, 135.71 acre tract, of record in Volume 696, Page 97, Official Records of Guadalupe County, Texas, for a corner of this tract;

Thence: North 49 degrees 17 minutes 02 seconds East, 1845.22 feet to a fence post found at the East corner of said Lewis tract, at the South corner of Violet V. Pennington, Tract 1 - 303.956 acre tract, of record in Volume 732, Page 1388, Official Records of Guadalupe County, Texas, for a corner of this tract;

Thence: along with the Southeast line of said Pennington tract, the following courses and distances;
North 49 degrees 26 minutes 39 seconds East, 1038.12 feet to a fence post found;
North 49 degrees 30 minutes 05 seconds East, 1589.01 feet to a fence post found;
North 49 degrees 30 minutes 11 seconds East 999.31 feet to a 5/8 inch iron pin found;
South 40 degrees 44 minutes 01 second East, 781.88 feet to a 5/8 inch iron pin found;
North 49 degrees 41 minutes 06 seconds East, 616.21 feet to a point and
North 49 degrees 03 minutes 36 seconds East, at 859.48 feet passing a nail found in post at the East corner of said Pennington, tract on the Southwest line of Leonara Kuhn, Tract 2 - 215.297 acre tract, of record in Volume 732, Page 1388, Official Records of Guadalupe County, Texas, and continuing in all a total distance of 948.63 feet to a point located within said Kuhn tract, for the Northeast corner of this tract;

Thence: South 00 degrees 28 minutes 13 seconds East, at 112.32 feet passing an angle corner of said Kuhn tract and continuing in all a total distance of 1711.06 fet to a nail in post found, for a corner of this tract;

Thence: South 01 degrees 18 minutes 36 seconds East, 594.19 feet to a nail in post found, at a corner of said Kuhn tract, for a corner of this tract;
Thence: South 88 degrees 08 minutes 31 seconds East, 9.93 feet to a nail found in post found at a corner of said Kuhn tract, for a corner of this tract;

Thence: South 01 degrees 00 minutes 30 seconds East, 4063.71 feet to a post found and South 00 degrees 22 minutes 52 seconds East, 153.63 feet to a 5/8 inch iron pin found at an angle corner of Margaret Taylor Tract 3 (229.797 acres), of record in Volume 732, Page 1388, Official Records of Guadalupe County, Texas, for the Southeast corner of this tract;

Thence: South 89 degrees 12 minutes 18 seconds West, 1335.23 feet to a ½ inch iron pin found at a corner of said Taylor Tract, and same being the Northeast corner of Jaquelin Ball, remaining portion of a 251.82 acre tract, of record in Volume 732, Page 1388, Official Records of Guadalupe County, Texas, for a corner of this tract;

Thence: along with the North line of said Ball tract, the following courses and distances:
North 89 degrees 42 minutes 09 seconds West, 1506.99 feet to a ½ inch iron pin found;
North 89 degrees 59 minutes 37 seconds West, 1263.21 feet to a nail in post found;
South 89 degrees 22 minutes 30 seconds West, 658.52 feet to a nail in post found;
North 88 degrees 21 minutes 36 seconds West, 374.25 feet to a point;
South 88 degrees 22 minutes 35 seconds West, 243.97 feet to a nail in post found on the East line of Audrey Belle Weedn, 105 acre tract, of record in Volume 3085, Page 276, Official records of Guadalupe County, Texas, at the Northwest corner of said Ball tract, for a corner of this tract;

Thence: along with the East and North lines of said Weedn tract., the following courses and distances:
North 00 degrees 31 minutes 25 seconds East, 817.73 feet to a 5 inch diameter fence post found and
South 89 degrees 33 minutes 56 seconds West, 651.82 feet to a 5 inch diameter fence post found at the Southeast corner of Pratt road, for a corner of this tract;

Thence: along with the East and North line of said Pratt Road, the following courses and distances:
North 03 degrees 04 minutes 59 seconds East, 26.00 feet to a point and
South 89 degrees 14 minutes 16 seconds West, 676.12 feet to a 5 inch diameter post;
North 47 degrees 56 minutes 26 seconds West, 9.86 feet to the Point of Beginning.

Bearing Basis - South 40 degrees 44 minutes 01 seconds East, 781.88 feet - from the Northeast line of this tract, as obtained from GPS Observation using WGS84, NAVD88.

Note: The Company is prohibited from insuring the area or quantity of the land described herein. Any statement in the above legal description of the area or quantity of land is not a representation that such area or quantity is correct, but is made only for informational and/or identification purposes and does not override Item 2 of Schedule B hereof.

EXHIBIT "C"
PERMITTED EXCEPTIONS

1. Outstanding ad valorem taxes for tax years 2019

2. All validly existing easements, rights-of-way, and prescriptive rights, whether of record or not or appearing on any survey, and all presently recorded and validly existing restrictions, reservations, covenants and conditions that affect the Property, including, but not limited to:

(a) Any discrepancies, conflicts, or shortages in area or boundary lines, or any encroachments or protrusions, or any overlapping of improvements. Any easements, rights-of-way, roadways, encroachments which a survey or physical inspection might disclose.

(b) Any portion of the subject property lying within the boundaries of dedicated or existing roadways or which may be used for road or street purposes.

(c) Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the title that are or would be disclosed by an accurate and complete land survey of the land.

(d) All leases, grants, exceptions or reservations of coal, lignite, oil, gas and other minerals, together with all rights, privileges and immunities relating thereto, appearing in the Real Property Records of Guadalupe County, Texas or not. All building restrictions and zoning regulations previously or hereafter adopted by any municipal or other public authority relating to the Property

Subject to any and all leases, agreements, amendments and supplements thereto, existing with the tenants in possession, whether written or oral and whether recorded or unrecorded.
(e) Visible and apparent easements, to include, but not limited to easements for roadways on or across the land herein described.

(f) Any visible and apparent roadway or easement over, under or across the subject property, the existence of which does not appear of record.

Mineral and/or royalty interest: Recorded: July 02, 1925 in Volume 84, Page 434 of the Deed Records of Guadalupe County, Texas.
(j) Mineral and/or royalty interest: Recorded: July 02, 1925 in Volume 84, Page 435 of the Deed Records of Guadalupe County, Texas.

(k) Mineral and/or royalty interest: Recorded: July 16, 1925 in Volume 84, Page 530 of the Deed Records of Guadalupe County, Texas.

(l) Mineral and/or royalty interest: Recorded: November 25, 1936 in Volume 164, Page 355 of the Deed Records of Guadalupe County, Texas.

(m) Mineral and/or royalty interest: Recorded: December 20, 1994 in Volume 1128, Page 374 of the Official Public Records of Guadalupe County, Texas.

(n) Mineral and/or royalty interest: Recorded: September 22, 1995 in Volume 1166, Page 429 of the Official Public Records of Guadalupe County, Texas.

(o) Mineral and/or royalty interest: Recorded: September 22, 1995 in Volume 1166, Page 502 of the Official Public Records of Guadalupe County, Texas.

(p) Mineral and/or royalty interest: Recorded: October 18, 1995 in Volume 1234, Page 181 of the Official Public Records of Guadalupe County, Texas.

(q) All leases, grants, exceptions or reservations of coal, lignite, oil, gas and other minerals, together with all rights, privileges, and immunities relating thereto, appearing in the Public Records whether listed herein or not. There may be leases, grants, exceptions or reservations of mineral interest that are not listed.

(m) Mineral and/or royalty interest: Recorded: December 20, 1994 in Volume 1128, Page 374 of the Official Public Records of Guadalupe County, Texas.

(n) Mineral and/or royalty interest: Recorded: September 22, 1995 in Volume 1166, Page 429 of the Official Public Records of Guadalupe County, Texas.

(o) Mineral and/or royalty interest: Recorded: September 22, 1995 in Volume 1166, Page 502 of the Official Public Records of Guadalupe County, Texas.

(p) Mineral and/or royalty interest: Recorded: October 18, 1995 in Volume 1234, Page 181 of the Official Public Records of Guadalupe County, Texas.

(q) All leases, grants, exceptions or reservations of coal, lignite, oil, gas and other minerals, together with all rights, privileges, and immunities relating thereto, appearing in the Public Records whether listed herein or not. There may be leases, grants, exceptions or reservations of mineral interest that are not listed.

201999026548
I certify this instrument was ELECTRONICALLY FILED
and RECORDED in the OFFICIAL PUBLIC RECORDS
of Guadalupe County, Texas on
11/18/2019 04:40:32 PM PAGES: 18 COURTNEY
TERESA KIEL, COUNTY CLERK

Teresa Kiel

WORKSHEET 3.0
DIVERSION POINT (OR DIVERSION REACH) INFORMATION

This worksheet **is required** for each diversion point or diversion reach. Submit one Worksheet 3.0 for **each** diversion point and two Worksheets for **each** diversion reach (one for the upstream limit and one for the downstream limit of each diversion reach).

N/A

The numbering of any points or reach limits should be consistent throughout the application and on supplemental documents (e.g. maps).

1. Diversion Information (Instructions, Page. 24)

a. This Worksheet is to add new (select 1 of 3 below):

1. ____Diversion Point No.
2. ____Upstream Limit of Diversion Reach No.
3. ____Downstream Limit of Diversion Reach No.

b. Maximum Rate of Diversion for **this new point**_____cfs (cubic feet per second) or_____gpm (gallons per minute)

c. Does this point share a diversion rate with other points? **Y / N**_____
*If yes, submit Maximum **Combined** Rate of Diversion for all points/reaches*_____cfs or_____gpm

d. For amendments, is Applicant seeking to increase combined diversion rate? **Y / N**_____

*** An increase in diversion rate is considered a new appropriation and would require completion of Section 1, New or Additional Appropriation of State Water.*

e. Check (√) the appropriate box to indicate diversion location and indicate whether the diversion location is existing or proposed):

Check one		**Write: Existing or Proposed**
	Directly from stream	
	From an on-channel reservoir	
	From a stream to an on-channel reservoir	
	Other method (explain fully, use additional sheets if necessary)	

f. Based on the Application information provided, Staff will calculate the drainage area above the diversion point (or reach limit). If Applicant wishes to also calculate the drainage area, you may do so at their option.

Applicant has calculated the drainage area. **Y / N**_____

If yes, the drainage area is_____sq. miles.
(*If assistance is needed, call the Surface Water Availability Team at (512) 239-4600, prior to submitting application*)

2. Diversion Location (Instructions, Page 25)

a. On watercourse (USGS name): _____

b. Zip Code: _____

c. Location of point: In the_____Original Survey No._____, Abstract No._____,_____County, Texas.

A copy of the deed(s) with the recording information from the county records must be submitted describing tract(s) that include the diversion structure.

For diversion reaches, the Commission cannot grant an Applicant access to property that the Applicant does not own or have consent or a legal right to access, the Applicant will be required to provide deeds, or consent, or other documents supporting a legal right to use the specific points when specific diversion points within the reach are utilized. Other documents may include, but are not limited to: a recorded easement, a land lease, a contract, or a citation to the Applicant's right to exercise eminent domain to acquire access.

d. Point is at:
Latitude_____°N, Longitude_____°W.
Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places

e. Indicate the method used to calculate the location (examples: Handheld GPS Device, GIS, Mapping Program):_____

f. Map submitted must clearly identify each diversion point and/or reach. See instructions Page. 38.

g. If the Plan of Diversion is complicated and not readily discernable from looking at the map, attach additional sheets that fully explain the plan of diversion.

WORKSHEET 4.0
DISCHARGE INFORMATION

This worksheet required for any requested authorization to discharge water into a State Watercourse for conveyance and later withdrawal or in-place use. Worksheet 4.1 is also required for each Discharge point location requested. **Instructions Page. 26.** ***Applicant is responsible for obtaining any separate water quality authorizations which may be required and for insuring compliance with TWC, Chapter 26 or any other applicable law.***

a. The purpose of use for the water being discharged will be to maintain the reservoir level.

b. Provide the amount of water that will be lost to transportation, evaporation, seepage, channel or other associated carriage losses 100% % and explain the method of calculation: the total amount of water lost is from evaporation loss

Is the source of the discharged water return flows? **Y / N** N If yes, provide the following information:

1. The TPDES Permit Number(s). N/A (attach a copy of the **current** TPDES permit(s))

2. Applicant is the owner/holder of each TPDES permit listed above? **Y / N** N/A

PLEASE NOTE: If Applicant is not the discharger of the return flows, the application should be submitted under Section 1, New or Additional Appropriation of State Water, as a request for a new appropriation of state water. If Applicant is the discharger, then the application should be submitted under Section 3, Bed and Banks.

3. Monthly WWTP discharge data for the past 5 years in electronic format. (Attach and label as "Supplement to Worksheet 4.0").

4. The percentage of return flows from groundwater_____, surface water_____?

5. If any percentage is surface water, provide the base water right number(s) N/A.

c. Is the source of the water being discharged groundwater? **Y / N** Y If yes, provide the following information:

1. Source aquifer(s) from which water will be pumped: Carrizo-Wilcox Aquifer

2. Any 24 hour pump test for the well if one has been conducted. If the well has not been constructed, provide production information for wells in the same aquifer in the area of the application. See http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp. Additionally, provide well numbers or identifiers see attached for 24-hour pump test data on neighboring well Tracking #570595 and Texas Water Well Report for onsite well production data.
3. Indicate how the groundwater will be conveyed to the stream or reservoir. Groundwater will be pumped directly into the reservoir from the onsite wells identified above.
4. A copy of the groundwater well permit if it is located in a Groundwater Conservation District (GCD) or evidence that a groundwater well permit is not required.

ci. Is the source of the water being discharged a surface water supply contract? **Y / N** N If yes, provide the signed contract(s).

cii. Identify any other source of the water N/A

STATE OF TEXAS WELL REPORT for Tracking #570595

Owner:	**Erica Bowles**	Owner Well #:	**No Data**
Address:	**7303 US HWY 90E Seguine, TX 78155**	Grid #:	**67-18-7**
Well Location:	**7303 US HWY 90E Seguine, TX 78155**	Latitude:	**29° 37' 37" N**
		Longitude:	**097° 51' 59" W**
Well County:	**Guadalupe**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **12/9/2020** Drilling End Date: **1/4/2021**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**9.875**	**0**	**100**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**25**	**100**	**Gravel**	**#40**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**25**	**Concrete 21 Bags/Sacks**

Seal Method: **Poured**

Sealed By: **Driller**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed** **Surface Completion by Driller**

Water Level: **No Data** on **2021-01-06**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **Jetted** **Yield: 5 GPM after 24 hours, no drawdown specified**

	Strata Depth (ft.)	Water Type
Water Quality:	24 - 80	No Data

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Drillink, Inc.**

2974 CR 284
Harwood, TX 78632

Driller Name: **4446** License Number: **4446**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	13	tan clay
13	25	gray clay
25	40	gray sandy clay
40	80	fine sand
80	100	gray clay

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4.5	Blank	New Plastic (PVC)	SDR17	0	40
4.5	Screen	New Plastic (PVC)	SDR17 0.020	40	100
4.5	CAP	New Plastic (PVC)	SCH40	100	100

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

GeoSearch

On time. On target. In touch.™

Texas Water Well Report (Extended Radius)

Target Property:

Broken Oak
Pratt Road
Kingsbury, Guadalupe County, Texas 78155

Prepared For:

Westward Environmental Inc

Order #: 163306
Job #: 403626
Project #: 11235.002
Date: 04/01/2021

phone: 888-396-0042 · fax: 512-472-9967 · www.geo-search.com

TARGET PROPERTY SUMMARY

Broken Oak
Pratt Road
Kingsbury, Guadalupe County, Texas 78155

USGS Quadrangle: ***Kingsbury, TX***
Target Property Geometry: ***Area***

Target Property Longitude(s)/Latitude(s):
(-97.834894, 29.639229), (-97.838328, 29.636580), (-97.840387, 29.637960), (-97.853262, 29.628262), (-97.851631, 29.626658), (-97.855622, 29.623636), (-97.851330, 29.623712), (-97.851370, 29.623276), (-97.851349, 29.621325), (-97.834443, 29.621387), (-97.834894, 29.639229)

County/Parish Covered:
Guadalupe (TX)

Zipcode(s) Covered:
Kingsbury TX: 78638
Seguin TX: 78155

State(s) Covered:
TX

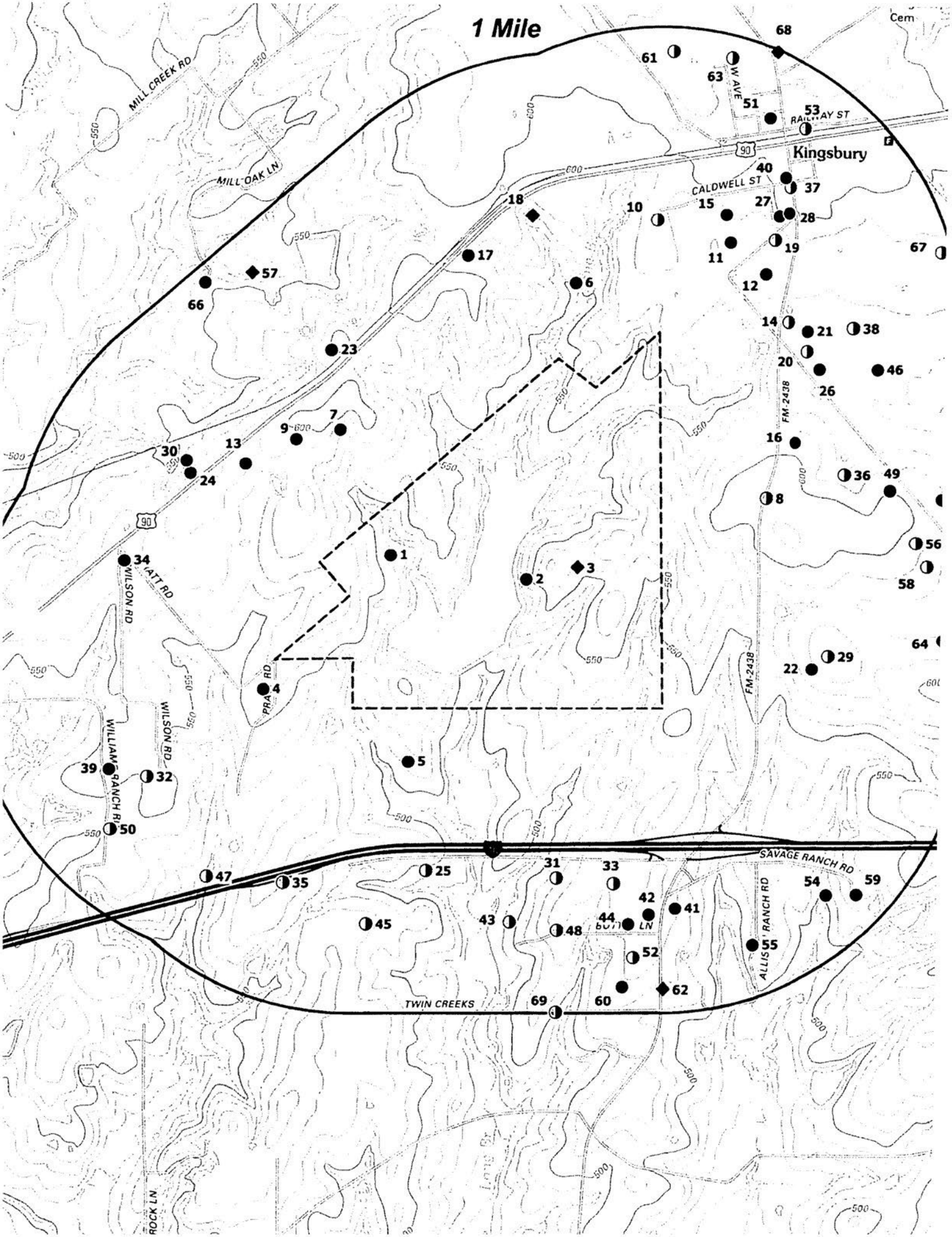
DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA-TABLE	UNLOCA-TABLE	SEARCH RADIUS (miles)
FEDERAL				
UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM	NWIS	0	0	1.0000
SUB-TOTAL		**0**	**0**	
STATE (TX)				
SELECT SUBMITTED DRILLERS REPORT DATABASE WELLS	SSDRD	28	0	1.0000
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS	TCEQ	37	0	1.0000
TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE	TWDB	5	0	1.0000
WATER UTILITY DATABASE	WUD	0	0	1.0000
SUB-TOTAL		**70**	**0**	
TOTAL		**70**	**0**	

LOCATABLE DATABASE FINDINGS

ACRONYM	SEARCH RADIUS (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
FEDERAL								
NWIS	1.000	0	0	0	0	0	NS	0
SUB-TOTAL		**0**	**0**	**0**	**0**	**0**	**0**	**0**
STATE (TX)								
SSDRD	1.000	0	0	0	5	23	NS	28
TCEQ	1.000	2	1	1	10	23	NS	37
TWDB	1.000	1	0	0	1	3	NS	5
WUD	1.000	0	0	0	0	0	NS	0
SUB-TOTAL		**3**	**1**	**1**	**16**	**49**	**0**	**70**
TOTAL		**3**	**1**	**1**	**16**	**49**	**0**	**70**

NOTES:
NS = NOT SEARCHED
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY


1 Mile
MILL CREEK RD
MILL OAK LN
CALDWELL ST
RAILWAY ST
W AVE
Kingsbury
FM-2438
WILSON RD
WILLIAMS RANCH RD
PRA RD
SAVAGE RANCH RD
ALLISON RANCH RD
TWIN CREEKS
90
Cem

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
1	TCEQ	TX238834	TP	LARRY STRUTHOFF			1
2	TCEQ	TX238831	TP	LARRY STRUTHOFF			3
3	TWDB	67-18-702	TP	HERMAN SCHMIDT WELL 1			6
4	TCEQ	TX238795	0.102 SSW	RALPH BOEHNKE			8
5	TCEQ	TX238828	0.172 S	ED WILSON			12
6	TCEQ	TX238803	0.256 NNE	LOUIS SALINAS			15
7	TCEQ	TX238829	0.291 NW	TOM LEWIS			18
8	SSDRD	TX210955	0.349 E	CLIFTON MATTHIES	6075 FM 2438	KINGSBURY, 78638	20
9	TCEQ	TX238805	0.361 NW	TOM LEWIS			21
10	SSDRD	TX563967	0.368 N	MARIO MOLINA	9701 HWY 90 E	KINGSBURY, 78638	24
11	TCEQ	TX238810	0.376 NE	PAUL BELL			25
12	TCEQ	TX238808	0.399 ENE	J D POWELL			28
13	TCEQ	TX238792	0.409 NW	H. N. NANCE			31
14	SSDRD	TX223401	0.429 E	GRAFE, BOB	6635 FM 2438	KINGSBURY	34
15	TCEQ	TX238814	0.444 NNE	FAUSTINO OBRERO			35
16	TCEQ	TX238802	0.448 E	LELAND LORENZO			38
17	TCEQ	TX238816	0.456 NW	CRYSTAL CLEAR WATER SUPPLY			40
18	TWDB	67-18-703	0.476 NNW	F. SCHMIDT WELL 1			42
19	SSDRD	TX197520	0.484 NE	KUHN, LEONORA S.	CROSSROADS	KINGSBURY, 78638	44
20	SSDRD	TX194526	0.493 E	BRANDON BAKER	1175 CROSSROADS	KINGSBURY, 78638	45
21	TCEQ	TX238813	0.495 E	CHRIS WRAMP			46
22	TCEQ	TX238822	0.500 E	J. W. COFFEY			49
23	TCEQ	TX238799	0.510 NW	JOHN BREAZEAK			52
24	TCEQ	TX238800	0.520 WNW	FRED THOMPSON			54
25	SSDRD	TX543807	0.532 S	DAN DWYER	7975 E IH 10	SEGUIN, 78155	56
26	TCEQ	TX238812	0.534 E	JOHN MERRITT			57
27	TCEQ	TX238819	0.548 NE	CECIL RICKETTS			59

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
28	SSDRD	TX441624	0.554 NE	CELESTINO MORENO	166 CROSSROADS	KINGSBURY, 78638	61
28	TCEQ	TX238807	0.579 NE	ROY RICKET			62
29	SSDRD	TX389598	0.554 E	GRAY MOSIER	5441 FM 2438	KINGSBURY, 78638	64
30	TCEQ	TX238804	0.555 WNW	LLOYD THOMPSON			65
31	SSDRD	TX543713	0.557 S	CEASAR SERNA	8277 E IH 10	SEGUIN, 78155	68
32	SSDRD	TX181081	0.565 SW	MARK WESTERHOLM	594 WILSON ROAD	SEGUIN, 78155	69
33	SSDRD	TX343298	0.575 S	JENNY RODRIQUEZ			70
34	TCEQ	TX238794	0.596 WNW	RANDY FINCH			71
35	SSDRD	TX28243	0.612 SSW	GUADALUPE COUNTY			74
36	SSDRD	TX549506	0.612 E	JAMES & KATIE HUNTER	1280 CROSS ROADS	KINGSBURY, 78638	75
37	SSDRD	TX331072	0.639 NE	MARGARET TAYLOR	6378 FM 2438	KINGSBURY, 78638	76
38	SSDRD	TX156675	0.644 E	TED IMHOFF	6187 FM 2438	KINGSBURY, 78638	77
39	TCEQ	TX238827	0.646 WSW	KERMIT WESTERHOLM			78
40	TCEQ	TX238815	0.654 NE	CHRIS BOERGER			81
41	TCEQ	TX238833	0.655 S	SILVER WOLF RANCH #2			84
42	TCEQ	TX238830	0.674 S	RED HERRING			86
43	SSDRD	TX551270	0.700 S	MICHAEL TUMLINSON	8215 IH 10 EAST	SEGUIN, 78155	88
44	TCEQ	TX238832	0.705 S	JIM TUCKER			89
45	SSDRD	TX541450	0.706 S	MATTHEW JANDT	7667 E. IH 10	SEGUIN, 78155	91
46	TCEQ	TX238818	0.722 E	BRUCE PAPE			92
47	SSDRD	TX524986	0.725 SW	CHARLES AND LISA RILEY	1022 TWIN CREEKS	SEGUIN, 78155	94
48	SSDRD	TX296310	0.728 S	KEN HOLMES	8313 I-H 10 EAST	SEGUIN, 78155	95
49	TCEQ	TX238811	0.760 E	M. E. SIMPSON			96
50	SSDRD	TX198439	0.770 SW	STEVE HOLLINGSHEAD	548 WILLIAM RANCH RD	SEGUIN, 78155	99
51	TCEQ	TX238806	0.789 NNE	AUGUST GLENWINKLE III			100
52	SSDRD	TX493027	0.817 S	GST HOLDINGS LLC	4400 FM 2438	SEGUIN, 78155	102
53	SSDRD	TX335179	0.821 NE	MARK LORENZ	950 RAILWAY ST	KINGSBURY, 78638	103
54	TCEQ	TX238820	0.822 SE	SILVER WOLF RANCH			104

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
55	TCEQ	TX238825	0.832 SSE	SILVER WOLF RANCH			106
56	SSDRD	TX497285	0.843 E	CHARLES HEIM	1558 CROSSROADS	KINGSBURY, 78638	108
57	TWDB	67-18-704	0.870 NW	H.W. WURZBACH			109
58	SSDRD	TX464868	0.878 E	GLENN & NANCY SEILER	1648 CROSSROADS	KINGSBURY, 78638	111
59	TCEQ	TX238824	0.890 SE	WOLF RANCH			112
60	TCEQ	TX238826	0.911 S	HOLLUB PRODUCTION CO			114
61	SSDRD	TX470431	0.919 N	ELLEY & JUBELA	477 GRAVEL PIT ROAD	KINGSBURY, 78638	117
62	TWDB	67-26-101	0.921 S	N.A. WUNDT WELL 1			118
63	SSDRD	TX400473	0.926 NNE	KEVIN REIGER	1195 W. AVENUE	KINGSBURY, 78638	121
64	TCEQ	TX238823	0.927 E	LESLIE BAKER			122
65	TCEQ	TX238817	0.928 E	JOHN MARSHALL			125
66	TCEQ	TX238796	0.949 NW	LYNN TATE			128
67	SSDRD	TX272252	0.965 ENE	EMERALD BAY ENERGY INC.	RAILWAY ST.	KINGSBURY, 78638	131
68	TWDB	67-18-806	0.992 NNE	CRYSTAL CLEAR WSC KINGSBURY WELL			132
69	SSDRD	TX206066	0.996 S	TURNER, MORGAN	507 TWIN CREEKS	SEGUIN, 78155	139

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 1 **Distance from Property: 0.00 mi. X**

ID NUMBER:	**TX238834**
STATE ID :	**67-26-1**
OWNER NAME:	**LARRY STRUTHOFF**
DATE DRILLED:	**03/11/1996**
DEPTH DRILLED:	**240'**
STATIC LEVEL:	**105'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.849411000**
LATITUDE:	**29.628656000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238834

Send original copy by certified mail to: TNRCC, P.O. Box 7, Austin, TX 78711-3087 — *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** Larry Struthoff (Name) **ADDRESS** 915 Pratt Rd. (Street or RFD) Seguin (City) TX (State) 78155 (Zip)

2) **ADDRESS OF WELL:** County Guadalupe (Street, RFD or other) (City) (State) (Zip) **GRID #** 67-26-1

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) ●

6) **WELL LOG:**
Date Drilling: Started 3/11 19 96 Completed 3/11 19 96

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 1/8	Surface	240
7 7/8	"	151

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

N

From (ft.)	To (ft.)	Description and color of formation material
0	12	clay
12	26	sand
26	74	sandy clay & clay
74	80	sand (brown)
80	127	blue clay
127	132	sand
132		clay & rocks

(Use reverse side if necessary)

8) **Borehole Completion (Check):** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 120 ft. to 150 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	Plastic	0	153	Sch40
"	"	Screen mfg. 30°	123	143	" "

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 1
ft. to ft. No. of sacks used
Method used
Cemented by Larry Deharde
Distance to septic system field lines or other concentrated contamination ? ft.
Method of verification of above distance none

RECEIVED
JUN 05 1996
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☐ Submersible ☑ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 141 ft.

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

14) **WELL TESTS:**
Type test: ☐ Pump ☐ Baller ☑ Jetted ☑ Estimated
Yield: 2 gpm with @150 ft. drawdown after hrs.

11) **WATER LEVEL:**
Static level 105 ft. below land surface Date 3/11/96
Artesian flow gpm. Date

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ☑ No

12) **PACKERS:**

Type	Depth
2-sacks hole plug	115'-120'
1-4"+7" rubber packer	153'

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Deharde Water Well Service (Type or print) **WELL DRILLER'S LICENSE NO.** 2328 WPK

ADDRESS 1075 Schuenemann Rd. (Street or RFD) Seguin (City) TX (State) 78155 (Zip)

(Signed) Larry Deharde (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-01-94) TNRCC COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 2 **Distance from Property: 0.00 mi. X**

ID NUMBER:	**TX238831**
STATE ID :	**67-26-1**
OWNER NAME:	**LARRY STRUTHOFF**
DATE DRILLED:	**03/13/1996**
DEPTH DRILLED:	**480'**
STATIC LEVEL:	**72'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.841954000**
LATITUDE:	**29.627524000**

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238831

Send original copy by certified mail to: TNRCC, P.O. Box [illegible]7, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** Larry Struthoff (Name) **ADDRESS** 915 Pratt Rd. (Street or RFD) Seguin (City) TX (State) 78155 (Zip)

2) **ADDRESS OF WELL:** County Guadalupe (Street, RFD or other) (City) (State) (Zip) GRID # 67-26-1

3) **TYPE OF WORK (Check):** ■ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Monitor ☐ Environmental Soil Boring ■ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5)

6) **WELL LOG:**
Date Drilling: Started 3/12 1996 Completed 3/13/96

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 1/8	Surface	480
7 7/8	"	211

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ■ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0		sand
3		sandy clay & clay
12		sand
66		blue clay
91		rock
92		sand (blue)
100		rock
102		blue sand
120		sand & sandy clay
134		rock
135		clay
139		rock
142		clay & rocks
186		Sand
204		rock & sandy clay

(Use reverse side if necessary)

8) **Borehole Completion (Check):** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ■ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 170 ft. to 210 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	Plastic	0	212	Sch40
"	"	Screen mfg. 20°	190	210	" "

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 1
ft. to ft. No. of sacks used
Method used
Cemented by Larry Deharde
Distance to septic system field lines or other concentrated contamination 7 ft.
Method of verification of above distance none

RECEIVED
JUN 05 1996
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
■ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 72 ft. below land surface Date 3/13/96
Artesian flow gpm. Date

12) **PACKERS:**

Type	Depth
4- sacks hole plug	160'-170'
1- 4"+7" rubber packer	212'

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) **WELL TESTS:**
Type test: ☐ Pump ☐ Bailer ■ Jetted ☐ Estimated
Yield: 25 gpm with @180 ft. drawdown after hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ■ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ■ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Deharde Water Well Service (Type or print) WELL DRILLER'S LICENSE NO. 2328 WPK

ADDRESS 1075 Schuenemann Rd. (Street or RFD) Seguin (City) TX (State) 78155 (Zip)

(Signed) Larry Deharde (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-01-94)

TNRCC COPY

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Advisory Council and the Texas Natural Resource Conservation Commission are concerned that some persons having wells drilled may not be aware of the confidentiality privilege provisions of Section 32.005 of the Texas Water Code, the Reporting of Well Logs, reads as follows:

> "Every licensed driller drilling, deepening or otherwise altering a water well within this State shall make and keep a legible and accurate well log in accordance with the department rule on forms prescribed by the department. Not later than the 60th day after the completion or cessation of drilling, deepening, or otherwise altering the well, the licensed driller shall deliver or transmit by certified mail a copy of the well log to the department and to the owner of the well or the person for whom the well was drilled. Each copy of a well log, other than a department copy must include the name, mailing address, and telephone number of the department. The well log shall be recorded at the time of drilling, and must show the depth, thickness, and character of the strata penetrated, the location of water-bearing strata, the depth, size and character of casing installed, and any other information required by department rule. The department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner or person for whom the well was drilled."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
229-	rock (hard)	
230-	clay & rocks & sandy clay	
294-	sandy clay	
345-	sandy clay & rocks	

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 3 **Distance from Property: 0.00 mi. X**

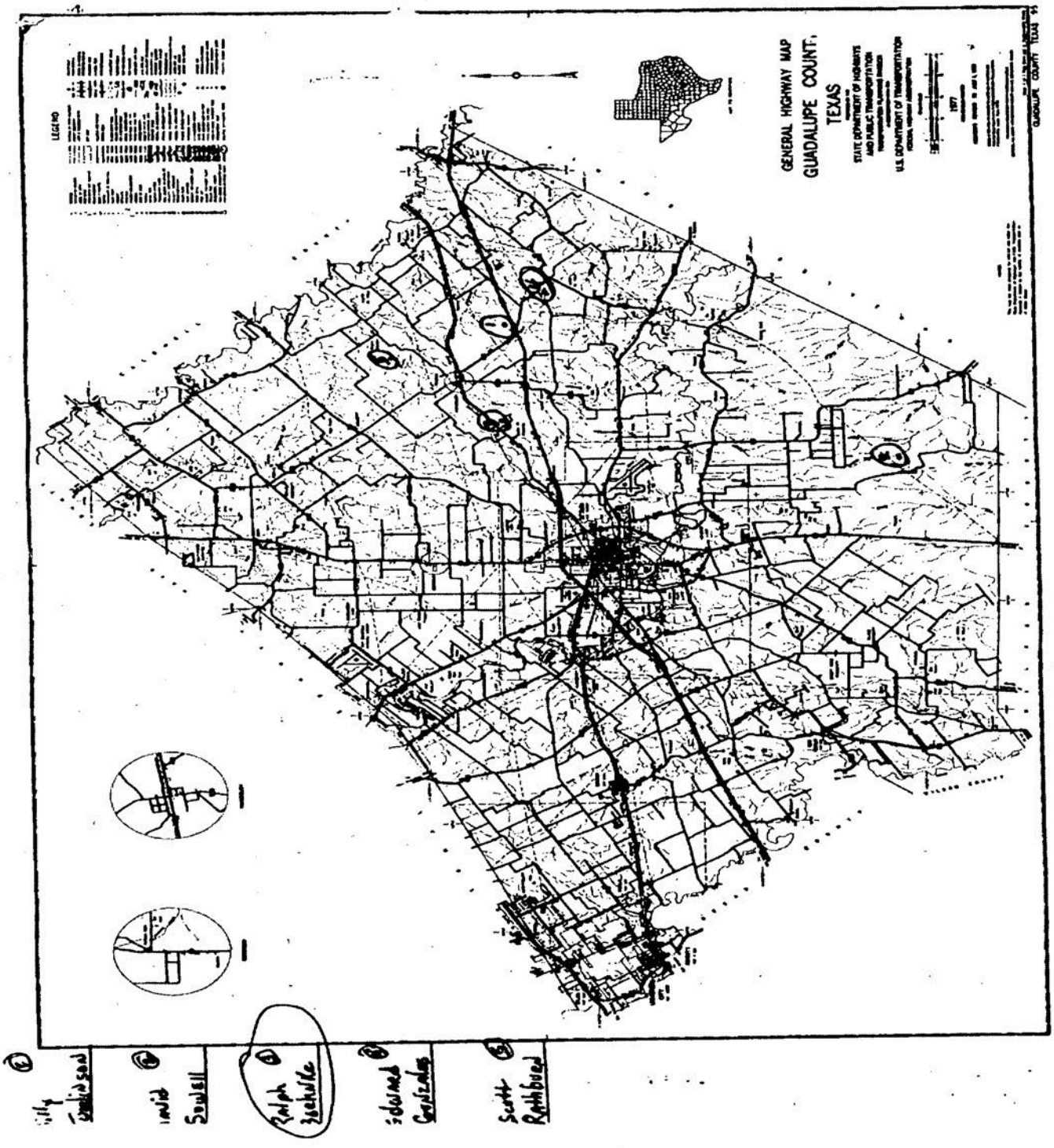
STATE ID:	**67-18-702**
OWNER'S NAME:	**HERMAN SCHMIDT WELL 1**
DATE DRILLED:	**NOT REPORTED**
DEPTH DRILLED:	**NOT REPORTED**
WATER USAGE:	
LONGITUDE:	**-97.839167000**
LATITUDE:	**29.628055000**
SOURCE:	**TWDB**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 4 **Distance from Property: 0.10 mi. SSW**

ID NUMBER:	**TX238795**
STATE ID :	**67-18-7**
OWNER NAME:	**RALPH BOEHNKE**
DATE DRILLED:	**04/14/1993**
DEPTH DRILLED:	**113'**
STATIC LEVEL:	**72'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.856238000**
LATITUDE:	**29.622267000**

3 PAGE(S) OF DRILLERS' LOGS


GENERAL HIGHWAY MAP
GUADALUPE COUNTY
TEXAS
LEGEND
1977

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238795

Send original copy by certified mail to: Texas Water Comm', P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Ralph Boehnke (Name) ADDRESS 750 Pratt Rd. (Street or RFD) Seguin (City) Tx (State) 78155 (Zip)

2) LOCATION OF WELL: County Guadalupe . 08 miles in NE (NE, SW, etc.) direction from Seguin (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 4-13 1993 Completed 4-14 1993

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
5 1/8	Surface	86
6 3/4	"	180
7 7/8	"	15

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 60 ft. to 140 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	5	clay
5	15	sand
15	16	rock
16	25	sandstone & sand
25	43	sandy clay
43	45	rock
45	86	gravel clay
86	93	rock
93	96	sandy clay
96	97	rock

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	Plastic	0	140	sch 40
"	"	Screen Mfg. 20	100	120	" "

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 1
ft. to ft. No. of Sacks Used
Method Used Cemented by Gary Deharde

RECEIVED
MAY 27 1993
TEXAS WATER COMMISSION

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 100 ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 3 1/2 gpm with 135 ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 72 ft. below land surface Date 4-14-93
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
1- 4" rubber packer	121'
2 sacks Rock plug	55'-60'

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Deharde Water Well Service (Type or print) WELL DRILLER'S LICENSE NO. 2328

ADDRESS Rt. 5 Box 440 (Street or RFD) Seguin (City) Tx (State) 78155 (Zip)

(Signed) Gary Deharde (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 3 Located on map 67-18-7

WWD-012 (Rev. 05-18-80)

TEXAS WATER COMMISSION COPY

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 60 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

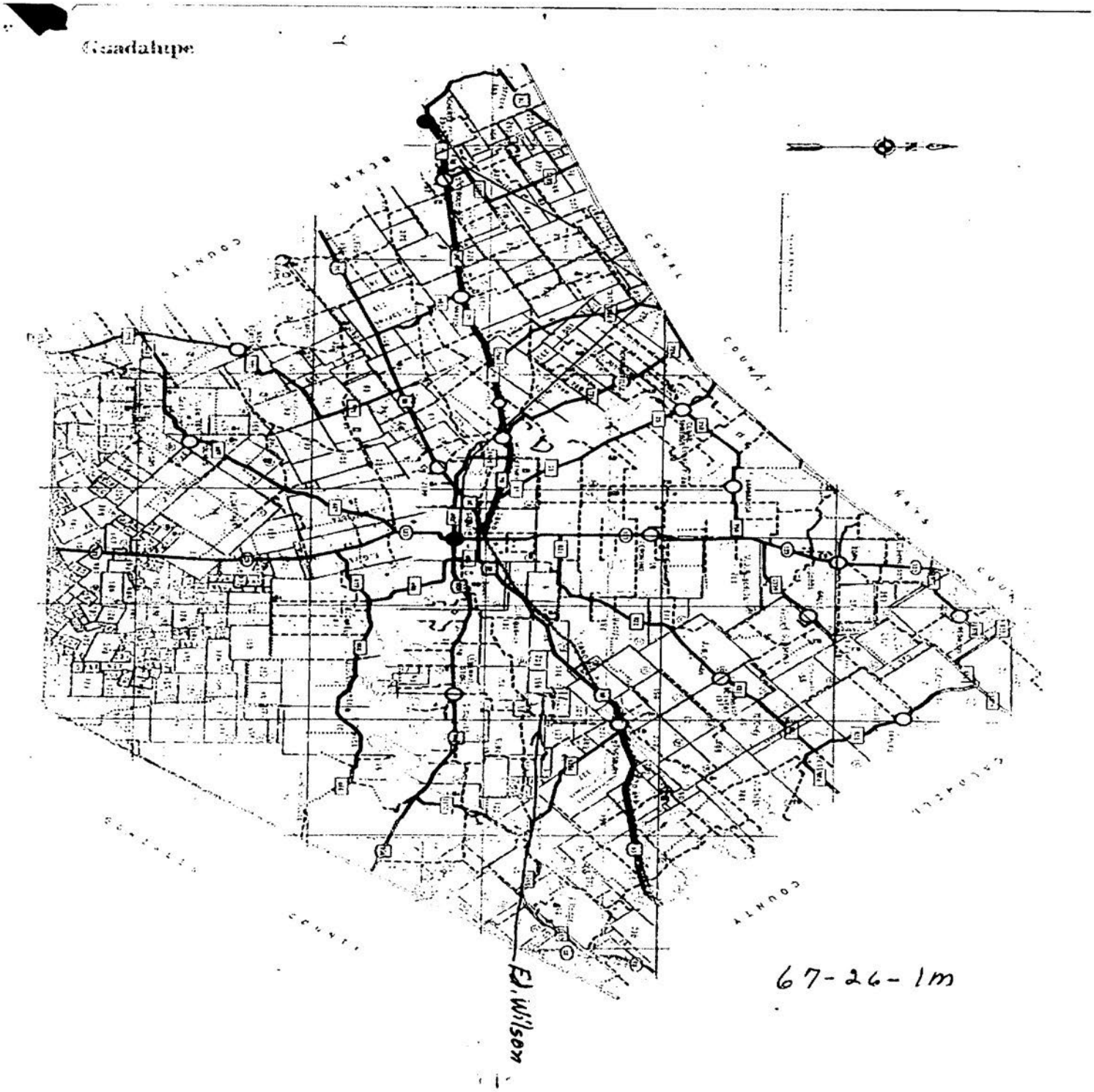
From (ft.)	To (ft.)	Description and color of formation material
97-	105	sandy clay & sand
105-	111	sandy
111-	113	rock
113-		blue clay & rocks

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 5 **Distance from Property: 0.17 mi. S**

ID NUMBER:	**TX238828**
STATE ID :	**67-26-1M**
OWNER NAME:	**ED WILSON**
DATE DRILLED:	**11/13/1974**
DEPTH DRILLED:	**25'**
STATIC LEVEL:	**65'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.848280000**
LATITUDE:	**29.618843000**

2 PAGE(S) OF DRILLERS' LOGS


Guadalupe
COUNTY
COMAL
COUNTY
COUNTY
COUNTY
E.J. Wilson
67-26-1m

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238828

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 69-AL-1M
Located on map: yes
Received: 25 yes
dtc

1) OWNER:
Person having well drilled: Ed Wilson (Name) — Address: Rt 2 (Street or RFD) Seguin (City) Texas (State)
Landowner: " (Name) — Address: " (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Guadalupe — 3 miles in SW (N.E., S.W., etc.) direction from Kingsbury (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

North ↑

(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor: _____ League: _____
Block: _____ Survey: Jos. M. Swift
Abstract No.: A-292
(NW¼ NE¼ SW¼ SE¼) of Section: SW

3) TYPE OF WORK (Check): New Well ✓ Deepening; Reconditioning; Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial; Municipal; Irrigation; Test Well; Other

5) TYPE OF WELL (Check): Rotary ✓ Driven; Dug; Cable; Jetted; Bored

6) WELL LOG:
Diameter of hole: 6 3/4 in. Depth drilled: 255 ft. Depth of completed well: 220 ft. Date drilled: 11-13-74
All measurements made from: 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	50	Brown Sand
50	66	Brown Clay
66	115	Blue clay
115	150	Blue Sand + clay stks
150	208	Blue Clay + Rocks
208	217	Blue Sand
217	255	Blue Clay + sand stks

(Use reverse side if necessary)

9) Casing:
Type: Old ; New ✓ Steel ; Plastic ✓ ; Other
Cemented from: 0 ft. to 2 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4	0	220	.200

10) SCREEN:
Type: _____
Perforated ; Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
4	200	220	16 X 4 rows

7) COMPLETION (Check):
Straight wall ; Gravel packed ; Other
Under reamed ; Open Hole

8) WATER LEVEL:
Static level: 65 ft. below land surface Date: 11-13-74
Artesian pressure: _____ lbs. per square inch Date: _____
Depth to pump bowls, cylinder, jet, etc.: 120 ft. below land surface.
Ph - 7.0
Iron - 0.3
Hardness 10.0

11) WELL TESTS:
Was a pump test made? Yes ; No ; If yes, by whom?
Yield: 21 gpm with @ 206 ft. drawdown after _____ hrs.
Bailer test: _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow: _____ gpm
Temperature of water: _____

12) WATER QUALITY:
Was a chemical analysis made? Yes ; No
Did any strata contain undesirable water? Yes ; No.
Type of water? _____ depth of strata: _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME: Chas. L. Behrens (Type or Print) — Water Well Drillers Registration No.: 496
ADDRESS: Rt. 2 Box 242F (Street or RFD) Seguin, Texas 78155 (City) (State)
(Signed): Charles L. Behrens (Water Well Driller) — " (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-WD4

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 6 **Distance from Property: 0.26 mi. NNE**

ID NUMBER:	**TX238803**
STATE ID :	**67-18-7**
OWNER NAME:	**LOUIS SALINAS**
DATE DRILLED:	**08/11/1989**
DEPTH DRILLED:	**165'**
STATIC LEVEL:	**58'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.839510000**
LATITUDE:	**29.641585000**

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238803

89.07 (2)

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER LOUIS SALINAS (Name) P.O. BOX 52607, HOUSTON, TEXAS 77052 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County GUADALUPE 3 9 miles in S (N.E., S.W., etc.) direction from KINGSBURY SEGUIN, TEXAS (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

0768-30-3 ☒ See attached map. WELL AT KINGSBURY, TEXAS

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☒ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 8-4-89 19__ Completed 8-11-89 19__

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6¼	Surface	165

From (ft.)	To (ft.)	Description and color of formation material
0	8	TOP SOIL SANDY
8	34	LIGHT YELLOW CLAY & SAND
34	38	SANDSTONE
38	43	BLUE CLAY
43	70	SANDSTONE (3 GPM AT 65 FEET WATER)
70	130	BLUE BROWN CLAY
130	140	SANDSTONE (MORE WATER)
140	165	BROWN CLAY

RECEIVED
SEP 26 1989
TEXAS WATER COMMISSION

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☒ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	PVC	0	164	

9) CEMENTING DATA (Rule 319.44(b))
Cemented from 0 ft. to 10 ft. No. of Sacks Used 2
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used MIXED BY HAND
Cemented by KUTSCHER DRILLING COMPANY
18" STEEL PIECES OF CASING

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 319.44(c))
☐ Pitless Adapter Used (Rule 319.44(d))
☐ Approved Alternative Procedure Used (Rule 319.71)

11) WATER LEVEL:
Static level 58 ft. below land surface Date 8-11-89
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc. _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☒ Bailer ☐ Jetted ☐ Estimated
Yield: 10 gpm with 125 ft. drawdown after 1 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? GOOD Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME KUTSCHER DRILLING COMPANY (Type or Print) Water Well Driller's License No. O-1861-W

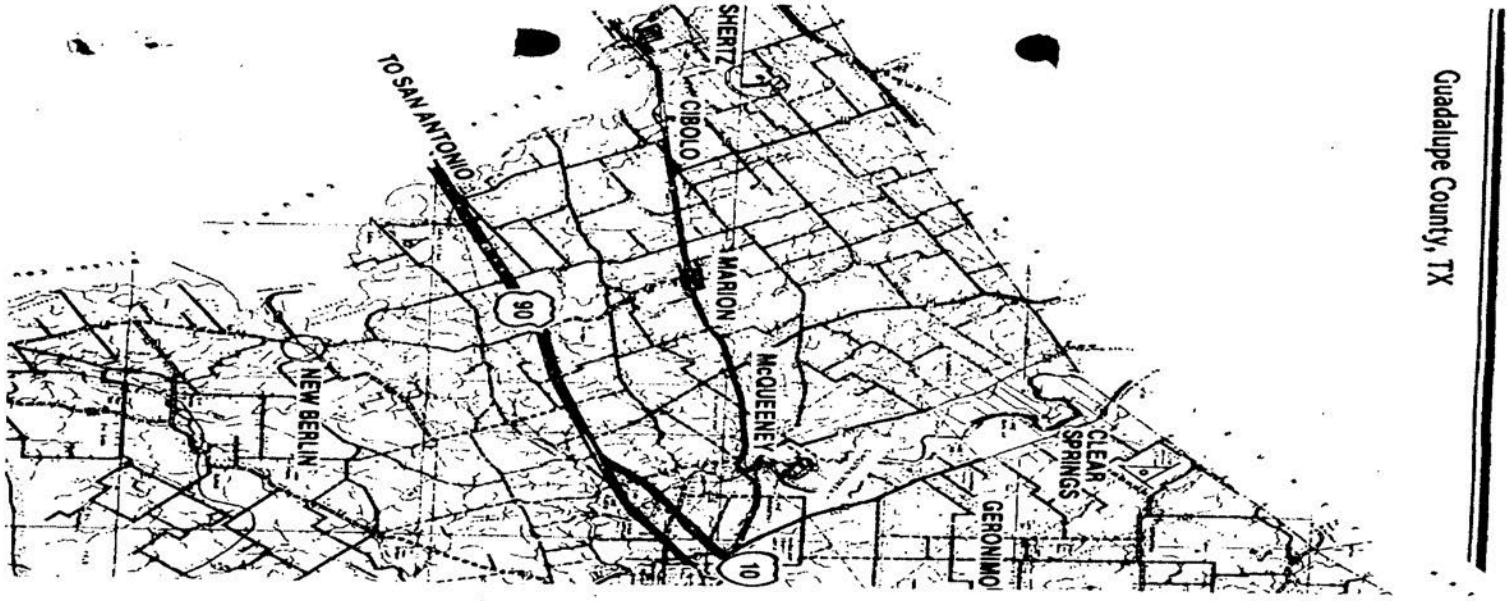
ADDRESS 3810 HUNTER ROAD, SAN MARCOS, TEXAS 78666 (Street or RFD) (City) (State) (Zip)

(Signed) Charles R. Kutscher (Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only Well No. 67-18-7 Located on map _____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY


TO SAN ANTONIO
SHERITZ
CIBOLO
MARION
McQUEENEY
NEW BERLIN
CLEAR SPRINGS
GERONIMO
90
10
Guadalupe County, TX


123
SEGUIN
ZORN
TO SA
KINGSBURY
STAPLES
90
TO GONZALES
TO LULING
Guadalupe County, TX

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 7 **Distance from Property: 0.29 mi. NW**

ID NUMBER:	**TX238829**
STATE ID :	**67-26-12**
OWNER NAME:	**TOM LEWIS**
DATE DRILLED:	**05/27/1985**
DEPTH DRILLED:	**155'**
STATIC LEVEL:	**105'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.852255000**
LATITUDE:	**29.634594000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238829

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER Tom Lewis (Name) Address RT 1 Box 334 (Street or RFD) Seguin (City) Tx (State) 78155 (Zip)

2) LOCATION OF WELL: County Guadalupe 3 miles in West (N.E., S.W., etc.) direction from Kingsbury (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. mapsco 67-26-3K

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 5-27-85

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	155

From (ft.)	To (ft.)	Description and color of formation material
0	4	Topsoil
4	100	Yellow Sandy clay
100	130	Gray Clay
130	155	Fine Gray Sand

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 125 ft. to 155 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Plastic	0	135	
4	N	Plastic Slotted	135	155	

CEMENTING DATA
Cemented from -1 ft. to 15' ft.
Method used Mixed Poured
Cemented by John Evans Drilling (Company or Individual)

9) WATER LEVEL:
Static level 105 ft. below land surface Date 5-27-85
Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth _____

11) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 135 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 15 gpm with 20 ft. drawdown after 1 hrs.

RECEIVED
JUN 26 1985
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME John Evans Drlg (Type or Print) Water Well Driller's License No. 1729

ADDRESS 113 Navasota Ln (Street or RFD) Seguin (City) Tx (State) 78155 (Zip)

(Signed) John Evans (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 67-26-12
Located on map YES C.F.S.

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 8 **Distance from Property: 0.35 mi. E**

TRACK #: **210955**
DATE ENTERED: **2010-03-23**
OWNER NAME: **CLIFTON MATTHIES**
OWNER ADDRESS: **P. O. BOX 174**
KINGSBURY, TX 78638
COUNTY: **GUADALUPE**
LATITUDE: **29.631389000** LONGITUDE: **-97.828889000**

WELL LOG:
DRILLING DATE (STARTED): **2005-05-31**
DRILLING DATE (COMPLETED): **2005-06-01**
DEPTH DRILLED: **300'**

WATER LEVEL:
STATIC LEVEL: **140'**
WATER LEVEL DATE: **2005-06-01**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN ROAD**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 9 Distance from Property: 0.36 mi. NW

ID NUMBER:	TX238805
STATE ID :	67-18-7
OWNER NAME:	TOM LEWIS
DATE DRILLED:	09/25/1989
DEPTH DRILLED:	148'
STATIC LEVEL:	82'
WATER USAGE:	DOMESTIC
LONGITUDE:	-97.854664000
LATITUDE:	29.634121000

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238805

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas
WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Tom Lewis (Name) ADDRESS Rt. 1 Box 625 (Street or RFD) Seguin (City) TX. (State) 78155 (Zip)

2) LOCATION OF WELL: County Guadalupe 8 miles in NE (NE, SW, etc.) direction from Seguin (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
(9) Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ SEE ATTACHED MAP 0∩67-26-5

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 9-25 1989 Completed 9-25 1989

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
5 1/4	Surface	91
6 3/4	"	148
8 3/4	"	148

From (ft.)	To (ft.)	Description and color of formation material
0	2	gravel
2	8	Red clay
8	25	sandy clay
25	26	rock
26	30	sandy clay
30	32	rock
32	83	sandy clay
83	88	blue clay
88	92	rock
92	110	blue clay

(Use reverse side if necessary) OVER

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 100 ft. to 148 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	Plastic	0	148	sch. 40
"	"	Screen Mfg. 20"	128	148	"

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 1
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by Larry Dehardes

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☑ Approved Alternative Procedure Used [Rule 287.71]

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ Ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated Dec 30 1989
Yield: 10 gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 82 ft. below land surface Date 9-25-89
Artesian flow _____ gpm. Date _____

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

TEXAS WATER COMMISSION

12) PACKERS: Type _____ Depth _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Dehardes Water Well Service (Type or print) WELL DRILLER'S LICENSE NO. 2328

ADDRESS Rt. 5 Box 440 (Street or RFD) Seguin (City) Tx. (State) 78155 (Zip)

(Signed) Larry Dehardes (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 67-18-7 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 60 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
110	120	sand + sandy clay
120	148	blue sand
148	—	rock

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 10 **Distance from Property: 0.37 mi. N**

TRACK #: **563967**
DATE ENTERED: **2021-01-13**
OWNER NAME: **MARIO MOLINA**
OWNER ADDRESS: **P. O. BOX 91**
MCQUEENEY, TX 78123
COUNTY: **GUADALUPE**
LATITUDE: **29.644556000** LONGITUDE: **-97.835111000**

WELL LOG:
DRILLING DATE (STARTED): **2020-12-03**
DRILLING DATE (COMPLETED): **2020-12-04**
DEPTH DRILLED: **225'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **2020-12-04**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 11 **Distance from Property: 0.38 mi. NE**

ID NUMBER:	**TX238810**
STATE ID :	**67-18-8**
OWNER NAME:	**PAUL BELL**
DATE DRILLED:	**03/22/2000**
DEPTH DRILLED:	**235'**
STATIC LEVEL:	**89'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.831056000**
LATITUDE:	**29.643536000**

2 PAGE(S) OF DRILLERS' LOGS

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

Section 32.005 of the Texas Water Code, concerning confidential information in the Reporting of Well Logs, reads as follows:

> "Every licensed driller drilling, deepening or otherwise altering a water well within this State shall make and keep a legible and accurate well log in accordance with the department rule on forms prescribed by the department. Not later than the 60th day after the completion or cessation of drilling, deepening, or otherwise altering the well, the licensed driller shall deliver or transmit by certified mail a copy of the well log to the department and to the owner of the well or the person for whom the well was drilled. Each copy of a well log, other than a department copy must include the name, mailing address, and telephone number of the department. The well log shall be recorded at the time of drilling, and must show the depth, thickness, and character of the strata penetrated, the location of water-bearing strata, the depth, size and character of casing installed, and any other information required by department rule. The department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner or person for whom the well was drilled."

The last sentence specifies the means whereby you may, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
167	-	rock
170	-	sandy clay
173	-	clay & rocks
186	-	sand & rocks
190	-	rock
193	-	sand & sandy clay
212	-	clay
224	-	blue sand
236	-	rocks
238	-	clay

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238810

Send original copy by certified return receipt requested to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER (Name) Paul Bell ADDRESS (Street or RFD) P.O. Box 39 (City) Kingsbury (State) TX (Zip) 78638

2) ADDRESS OF WELL'S LOCATION: County Guadalupe (Street, RFD or other) 290 Cross Rd. (City) Kingsbury (State) TX (Zip) 78638 Long. ____ Lat. ____ Grid # 67-18-8

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☒ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5)

6) WELL LOG:
Date Drilling: Started 3/21 00 Completed 3/22 00

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 1/2	Surface	260
7 7/8	Reamed	235

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0		sand & gravel
1		clay & gravel
4		red clay
7		gravel
9		white clay
20		sand & sandy clay
40		grey clay
72		sand
78		grey clay
115		blue clay & rocks
137		rock
140		sandy clay & clay

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☒ Gravel Packed ☐ Other
If Gravel Packed give interval from 170 ft. to 235 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Plastic	0	235	Sch40
"	"	Screen Mfg. 20°	194	234	" "

9) CEMENTING DATA
Cemented from 0 ft. to 12 ft. No. of sacks used 1
____ ft. to ____ ft. No. of sacks used ____
Method used ____
Cemented by Larry Deharde
Distance to septic system field lines or other concentrated contamination 120 ft.
Method of verification of above distance Wheel

13) ☐ Well plugged within 48 hours

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used:

14) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 200 ft.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed
☒ Specified Steel Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

15) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 5 gpm with 230 ft. drawdown after ____ hrs.

11) WATER LEVEL:
Static level 89 ft. below land surface Date 3/22/2000
Artesian flow ____ gpm. Date ____

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☒ No

12) PACKERS:

Type	Depth
1 - sack Hole Plug	12'-15'

RECEIVED
MAY 08 2000

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Deharde Water Well Service (Type or print) WELL DRILLER'S LICENSE NO. 2328 WPK

ADDRESS 1076 Schuenemann Rd. (Street or RFD) Seguin (City) TX (State) 78155 (Zip)

(Signed) Larry Deharde (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) White - TDLR Yellow - DRILLER Pink - WELL OWNER

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 12 **Distance from Property: 0.40 mi. ENE**

ID NUMBER:	**TX238808**
STATE ID :	**67-18-8H**
OWNER NAME:	**J D POWELL**
DATE DRILLED:	**08/10/1978**
DEPTH DRILLED:	**363'**
STATIC LEVEL:	**85'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.829085000**
LATITUDE:	**29.642032000**

2 PAGE(S) OF DRILLERS' LOGS

2) LOCATION OF WELL:

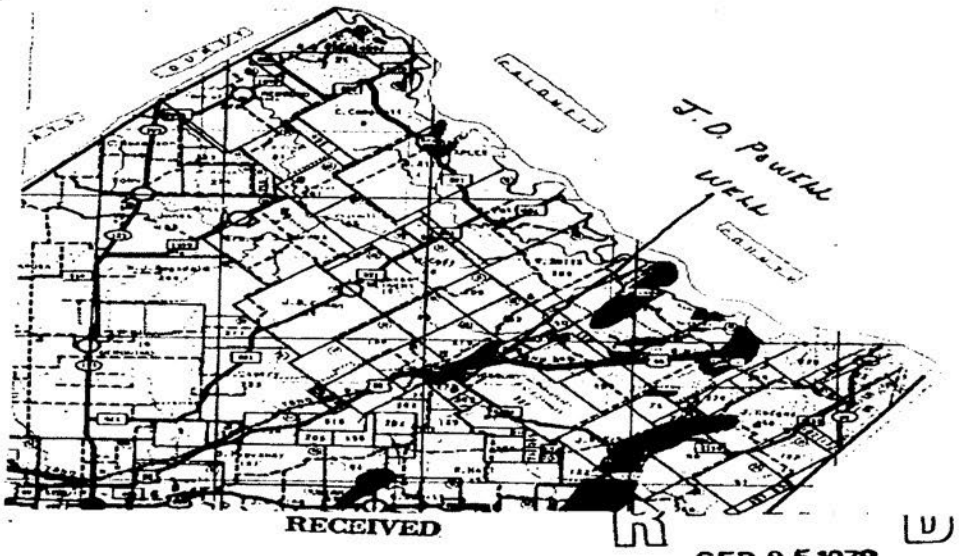
The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

0 – 12	gravel
12 – 90	grey clay
90 – 115	blue clay
115 – 120	sand + sandy clay
120 – 121	rock
121 – 140	sand + sandy clay
140 – 144	blue clay
144 – 154	sand
154 – 205	clay
205 – 206	rock
206 – 215	sand
215 – 218	rock
218 – 220	sand
220 – 245	sandy clay
245 – 249	sand light
249 – 250	rock
250 – 270	clay
270 – 271	rock
271 – 363	clay



RECEIVED
FEB 8 '79
CR/TDWR

SEP 25 1978
DEPT. OF
WATER RESOURCES

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238808

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 29-15-211
Located on map Yes
Received: DR Yes

26

1) OWNER:
Person having well drilled J. D Powell (Name) Address 269 Lee (Street or RFD) Seguin, Tex. (City) (State)
Landowner (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Guadalupe 1/2 miles in S (N.E., S.W., etc.) direction from Kings Bury (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* (Use reverse side if necessary)

North

or Give legal location with distances and directions from adjacent sections or survey lines.
Labor League
Block Survey J. B. MILLER
Abstract No. A- 231
(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well ✓ Deepening; Reconditioning; Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial; Municipal; Irrigation; Test Well; Other

5) TYPE OF WELL (Check): Rotary ✓ Driven; Dug; Cable; Jetted; Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 363 ft. Depth of completed well 228 ft. Date drilled 8-10-78
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
		Log on reverse side

(Use reverse side if necessary)

9) Casing:
Type: Old; New ✓ Steel; Plastic ✓; Other
Cemented from 0 ft. to 3 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4"	0	228	std. 40

10) SCREEN:
Type PVC
Perforated; Slotted ✓

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
4"	208	228	40 x 4 rows
	153	163	

7) COMPLETION (Check):
Straight wall; Gravel packed ✓; Other
Under reamed; Open Hole

8) WATER LEVEL:
Static level 85 ft. below land surface Date 8-10-78
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., ft. below land surface. 1 HP PUMPOS @ 150'

11) WELL TESTS:
Was a pump test made? Yes; No ✓ If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes; No ✓
Did any strata contain undesirable water? Yes; No ✓
Type of water? depth of strata 206-228

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME ANTON ODEHARBE (Type or Print) Water Well Drillers Registration No. 1756

ADDRESS Rt. 2 Box 53 (Street or RFD) SEGUIN (City) TEX (State)

(Signed) Anton O. Deharde (Water Well Driller) DEHARDE'S WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

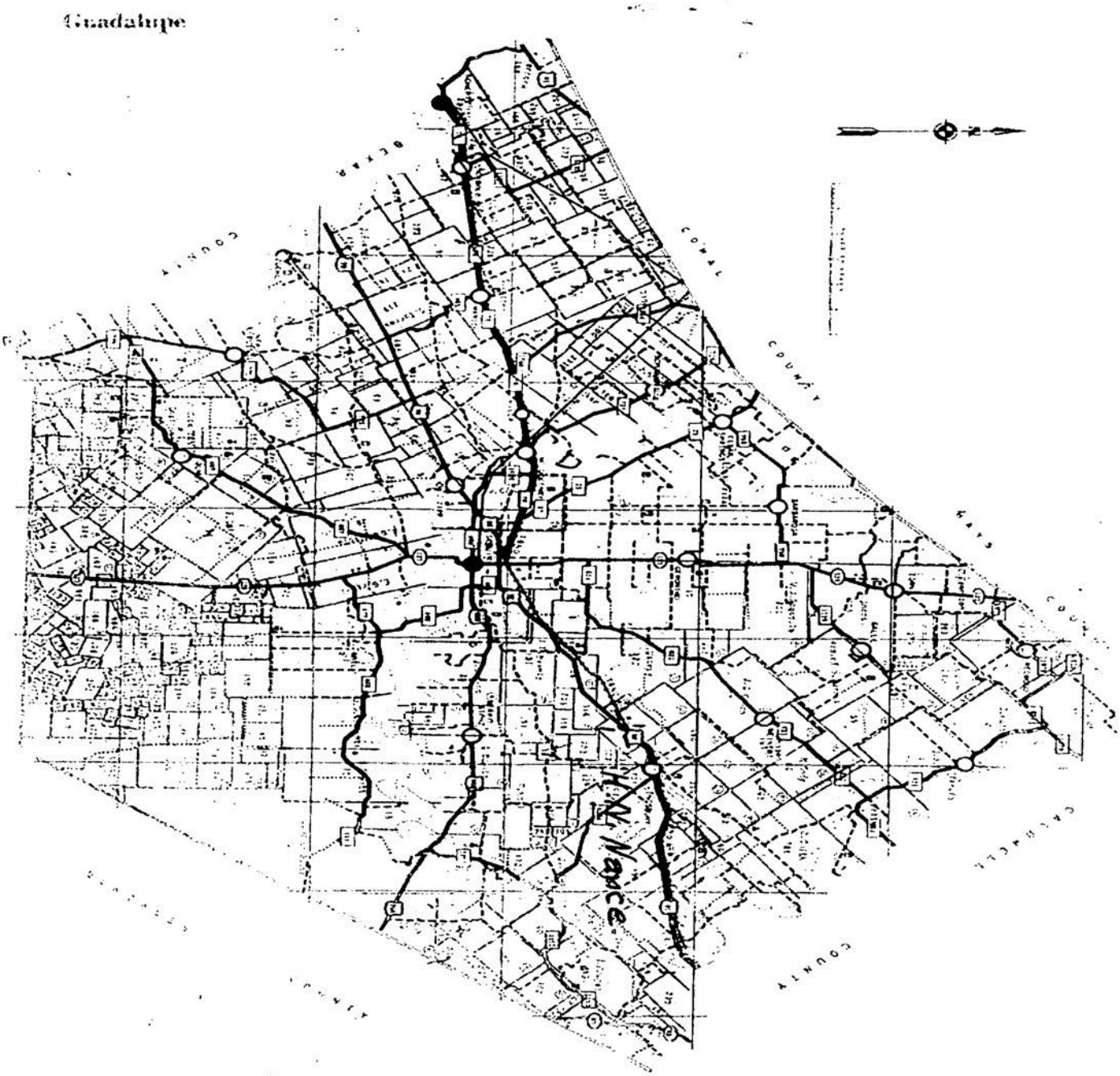
TWDB:WDR

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 13 **Distance from Property: 0.41 mi. NW**

ID NUMBER:	**TX238792**
STATE ID :	**67-18-7E**
OWNER NAME:	**H. N. NANCE**
DATE DRILLED:	**11/21/1933**
DEPTH DRILLED:	**136'**
STATIC LEVEL:	**73'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.857408000**
LATITUDE:	**29.632966000**

2 PAGE(S) OF DRILLERS' LOGS


Guadalupe
COMAL
COUNTY
HAYS
COUNTY
CALDWELL
COUNTY
New Braunfels

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238792

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 47-18-7E
Located on map Yes
Received: 7-11
dlr

1) OWNER:
Person having well drilled H. N. Nance (Name) Address 2925 Hackberry (Street or RFD) New Braunfels (City) Tex (State)
Landowner " (Name) Address " (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Guadalupe 9 miles in E (N.E., S.W., etc.) direction from Seguin (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

North ↑

(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey Young Selton
Abstract No. A-293
(NW¼ NE¼ SW¼ SE¼) of Section center

3) TYPE OF WORK (Check): New Well ✓ Deepening / Reconditioning / Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial / Municipal / Irrigation / Test Well / Other

5) TYPE OF WELL (Check): Rotary ✓ Driven / Dug / Cable / Jetted / Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 136 ft. Depth of completed well 136 ft. Date drilled 11-21-73
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	28	Brown Clay
28	45	Brown Sand
45	85	Brown Sandy Shale
85	131	Blue Sand
131	136	Blue Clay

(Use reverse side if necessary)

9) Casing:
Type: Old / New ✓ Steel / Plastic ✓ Other
Cemented from 0 ft. to 4 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4"	0	136	.200

10) SCREEN:
Type P.V.C.
Perforated / Slotted ✓

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
4	116	136	40 X Arrows

7) COMPLETION (Check):
Straight wall / Gravel packed / Other
Under reamed / Open Hole

8) WATER LEVEL:
Static level 73 ft. below land surface Date 11-21-73
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump (bowls) cylinder, jet, etc., 100' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes / No If yes, by whom?
Yield: 20 @ 130' gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes / No
Did any strata contain undesirable water? Yes / No.
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Chas. L. Behrens (Type or Print) Water Well Drillers Registration No. 496
ADDRESS Rt. 2 Box 242F (Street or RFD) Seguin (City) Texas (State) 78155
(Signed) Chas. L. Behrens (Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB1-WD-8

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 14 **Distance from Property: 0.43 mi. E**

TRACK #: **223401**
DATE ENTERED: **2010-07-15**
OWNER NAME: **GRAFE, BOB**
OWNER ADDRESS: **PO BOX 218**
KINGSBURY, TX 78638
COUNTY: **GUADALUPE**
LATITUDE: **29.639722000** LONGITUDE: **-97.827778000**

WELL LOG:
DRILLING DATE (STARTED): **2010-06-21**
DRILLING DATE (COMPLETED): **2010-06-21**
DEPTH DRILLED: **220'**

WATER LEVEL:
STATIC LEVEL: **120'**
WATER LEVEL DATE: **2010-06-21**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD.**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 15 Distance from Property: 0.44 mi. NNE

ID NUMBER:	TX238814
STATE ID :	67-18-8
OWNER NAME:	FAUSTINO OBRERO
DATE DRILLED:	09/18/1988
DEPTH DRILLED:	240'
STATIC LEVEL:	100'
WATER USAGE:	DOMESTIC
LONGITUDE:	-97.831304000
LATITUDE:	29.644852000

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238814

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER Faustino Olivera (Name) Address Gen. Delivery (Street or RFD) Kingsbury (City) Tx. (State) 78638 (Zip)

2) LOCATION OF WELL: County Guadalupe 1/4 ● miles in ■ ■ S.W. (N.E., S.W., etc.) direction from Kingsbury (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map.

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 9-12 1988 Completed 9-18 1988

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
43/4	Surface	240
6 3/4	11	200

From (ft.)	To (ft.)	Description and color of formation material
0	4	gravel
4	35	clay
35	50	sandy clay
50	68	yellow sand
68	85	sandy clay & dark shale
85	100	clay grey
100	140	" dark
140	150	sand & sandy clay
150	175	clay blue
175	210	sandy clay & dk (strks)
210		clay blue & Rks) strks

7) BOREHOLE COMPLETION:
☐ Open Hole ☑ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Plastic	0	160	32.5
"	"	mfg. screen	140	160	"

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 1
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by Larry Deharde

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☑ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 100' ft. below land surface Date 9-18
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 140 ft.

14) WELL TESTS:
Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☑ Estimated
Yield: 3 gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
NOV 22 1988
TEXAS WATER COMMISSION
(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME DEHARDE'S W. W. SERV. (Type or Print) Water Well Driller's License No. 2328

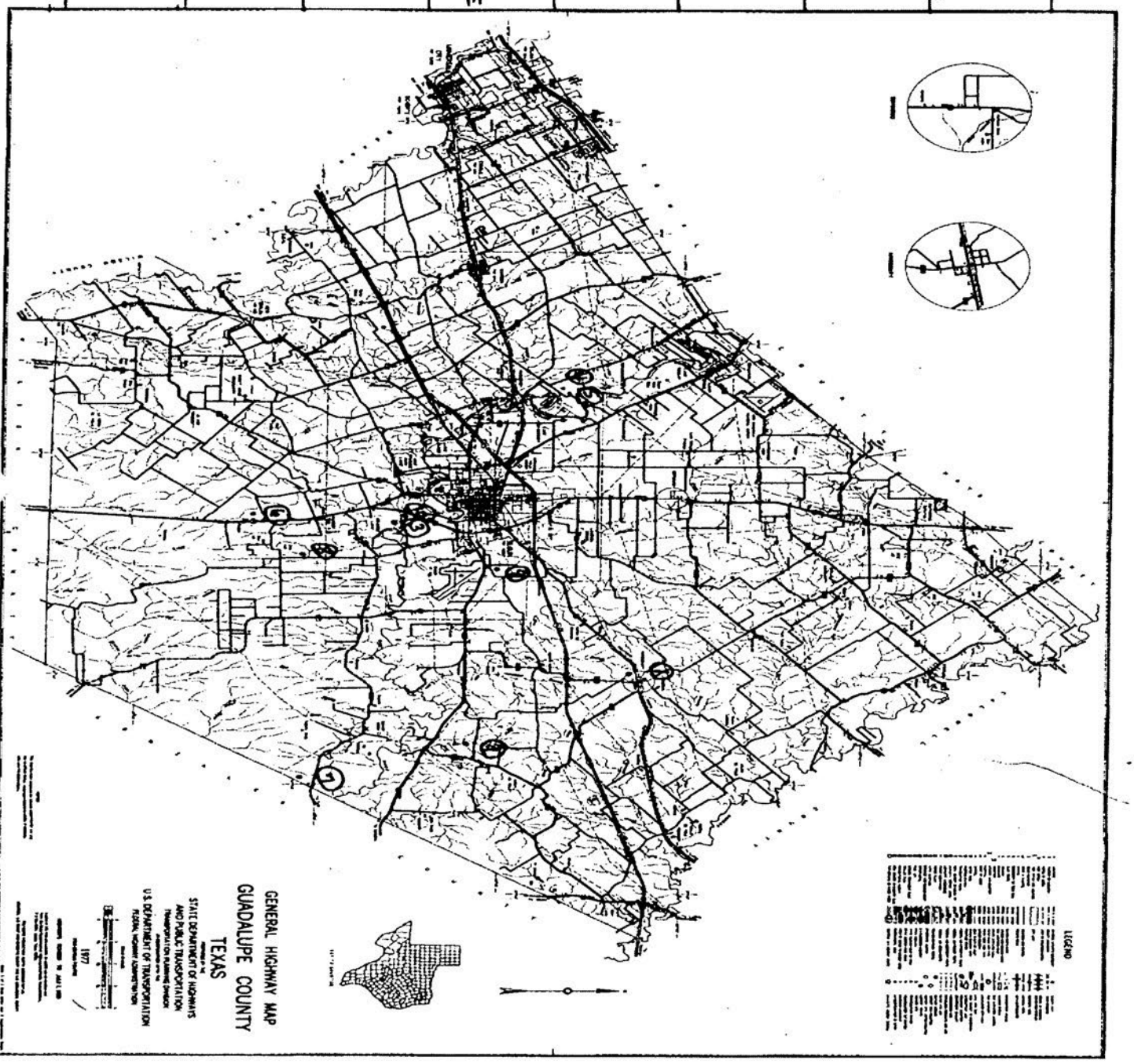
ADDRESS RT 5 BOX 440 (Street or RFD) SEGUIN (City) TX. (State) 78155 (Zip)

(Signed) Larry Deharde (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only Well No. 69-18-8 Located on map _____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY


GENERAL HIGHWAY MAP
GUADALUPE COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION
U.S. DEPARTMENT OF TRANSPORTATION
1977
LEGEND
GUADALUPE COUNTY TEXAS 95

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 16 **Distance from Property: 0.45 mi. E**

ID NUMBER:	**TX238802**
STATE ID :	**67-18-7B**
OWNER NAME:	**LELAND LORENZO**
DATE DRILLED:	**06/16/1971**
DEPTH DRILLED:	**316'**
STATIC LEVEL:	**150'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.827305000**
LATITUDE:	**29.634058000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238802

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

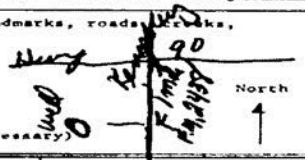
WATER WELL REPORT

For TWDB use only
Well No. 67-18-78
Located on map Y-3
Received: 7-1
Ltr

1) OWNER:
Person having well drilled: Leland Lorenze (Name) Address: (Street or RFD) Kingsbury, Tex 78638 (City) (State)
Landowner: 11 (Name) Address: 11 (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Guadalupe 1 miles in 5 (N.E., S.W., etc.) direction from Kingsbury (Town)

Locate by sketch map showing landmarks, roads, streams, highway number, etc.* (Use reverse side if necessary)



or Give legal location with distances and directions from adjacent sections or survey lines.
Labor: League:
Block: Survey:
Abstract No.:
(NW¼ NE¼ SW¼ SE¼) of Section:

3) TYPE OF WORK (Check): New Well X; Deepening; Reconditioning; Plugging
4) PROPOSED USE (Check): Domestic X; Industrial; Municipal; Irrigation; Test Well; Other
5) TYPE OF WELL (Check): Rotary X; Driven; Dug; Cable; Jetted; Bored

6) WELL LOG:
Diameter of hole 6 5/8 in. Depth drilled 316 ft. Depth of completed well 220 ft. Date drilled 6-16-71
All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	100	Yellow clay
100	125	Yellow Sand
125	170	Blue shale
170	175	Sand
175	316	Blue shale

plugged back to 220 ft.
Any below 220 ft.

(Use reverse side if necessary)

9) Casing:
Type: Old; New X; Steel; Plastic X; Other
Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4	0	220	

10) SCREEN:
Type
Perforated X; Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
4	200	220	

7) COMPLETION (Check):
Straight wall; Gravel packed X; Other
Under reamed; Open Hole

8) WATER LEVEL:
Static level 150 ft. below land surface Date 6/16/71
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 154 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes; No X If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes; No X
Did any strata contain undesirable water? Yes; No X
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Alfred Brown (Type or print) Water Well Drillers Registration No. 310
ADDRESS P.O. Box 42 (Street or RFD) Kingsbury (City) Tex (State)
(Signed) Alfred Brown (Water Well Driller) Alfred Brown Water well Drlg Service (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 17 **Distance from Property: 0.46 mi. NW**

ID NUMBER:	**TX238816**
STATE ID :	**67-18-8M**
OWNER NAME:	**CRYSTAL CLEAR WATER SUPPLY**
DATE DRILLED:	**11/11/1974**
DEPTH DRILLED:	**285'**
STATIC LEVEL:	**132'**
WATER USAGE:	**OTHER**
LONGITUDE:	**-97.845452000**
LATITUDE:	**29.642877000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238816

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 67-18-8M
Located on map yes
Received: 7-5
dlc

1) OWNER:
Person having well drilled: Crystal Clear Water Supply (Name) Address: P.O. Box 505 (Street or RFD), Kingsbury (City), Texas (State)
Landowner: " (Name) Address: " (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Guadalupe . 0 miles in — (N.E., N.W., etc.) direction from: Kingsbury (Town), Texas

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

North ↑

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor: _____ League: _____
Block: _____ Survey: J.H. Kuykendall
Abstract No.: A-191
(NW¼ NE¼ SW¼ SE¼) of Section: SE

3) TYPE OF WORK (Check): New Well ✓ | Deepening | Reconditioning | Plugging

4) PROPOSED USE (Check): Domestic | Industrial | Municipal | Irrigation | Test Well | Other ✓

5) TYPE OF WELL (Check): Rotary ✓ | Driven | Dug | Cable | Jetted | Bored

6) WELL LOG:
Diameter of hole: 7⅞ in. Depth drilled: 285 ft. Depth of completed well: 254 ft. Date drilled: 11-11-74
All measurements made from: 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	12	gravel
12	50	Yellow clay
50	87	Gray clay
87	157	Blue clay
157	159	Blue Rock
159	206	Course blue Sand
206	223	Blue Sandy clay
223	256	Fine blue Sand
256	285	Blue Clay

(Use reverse side if necessary)

9) Casing:
Type: Old | New ✓ | Steel | Plastic ✓ | Other
Cemented from: +7" ft. to 17' ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
5	+1.6	-254	.200

10) SCREEN:
Type: P.V.C.
Perforated | Slotted ✓

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
5"	196	206	1/16" x 6 rows
5"	224	254	1/16" x 6 rows

7) COMPLETION (Check):
Straight wall | Gravel packed ✓ 3 cyds ½" other | Under reamed | Open Hole

8) WATER LEVEL:
Static level: 192 ft. below land surface Date: 11-11-74
Artesian pressure: _____ lbs. per square inch Date: _____
Depth to pump bowls, cylinder, jet, etc.: 195 ft. below land surface.
5 hp 230V 3Ø HPC Model I15C30

11) WELL TESTS:
Was a pump test made? Yes ✓ No If yes, by whom? Charles L. Behrens
Yield: 46.1 gpm with 195 ft. drawdown after 6 hrs.
Bailer test: _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow: _____ gpm Note: 40 gpm @ 180'
Temperature of water: _____

12) WATER QUALITY:
Was a chemical analysis made? Yes | No ✓
Did any strata contain undesirable water? Yes | No ✓
Type of water? _____ depth of strata: 196-254

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME: Chas. L. Behrens (Type or Print) Water Well Drillers Registration No.: 4-96
ADDRESS: Rt. 2 Box 242F (Street or RFD) Seguin (City) Texas 78155 (State)
(Signed): Charles L. Behrens (Water Well Driller) " (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available. KX 67-18-806

*Additional instructions on reverse side.

Hardness — 13.0
Ph — 7.0
Iron — 0.3

TWDB-WD6

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 18 **Distance from Property: 0.48 mi. NNW**

STATE ID:	**67-18-703**
OWNER'S NAME:	**F. SCHMIDT WELL 1**
DATE DRILLED:	**00/00/1959**
DEPTH DRILLED:	**2157'**
WATER USAGE:	
LONGITUDE:	**-97.841945000**
LATITUDE:	**29.644722000**
SOURCE:	**TWDB**

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 19 **Distance from Property: 0.48 mi. NE**

TRACK #: **197520**
DATE ENTERED: **2009-10-28**
OWNER NAME: **KUHN, LEONORA S.**
OWNER ADDRESS: **PO BOX 27**
KINGSBURY, TX 78638
COUNTY: **GUADALUPE**
LATITUDE: **29.643611000** LONGITUDE: **-97.828611000**

WELL LOG:
DRILLING DATE (STARTED): **2008-12-30**
DRILLING DATE (COMPLETED): **2008-12-30**
DEPTH DRILLED: **230'**

WATER LEVEL:
STATIC LEVEL: **106'**
WATER LEVEL DATE: **2008-12-31**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD.**
SEGUIN, TX 78155

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 20 **Distance from Property: 0.49 mi. E**

TRACK #: **194526**
DATE ENTERED: **2009-09-28**
OWNER NAME: **BRANDON BAKER**
OWNER ADDRESS: **P.O. BOX 100**
KINGSBURY, TX 78638
COUNTY: **GUADALUPE**
LATITUDE: **29.638334000** LONGITUDE: **-97.826667000**

WELL LOG:
DRILLING DATE (STARTED): **2005-12-14**
DRILLING DATE (COMPLETED): **2005-12-14**
DEPTH DRILLED: **323'**

WATER LEVEL:
STATIC LEVEL: **109'**
WATER LEVEL DATE: **2005-12-14**
TYPE OF WATER: **WILCOX**

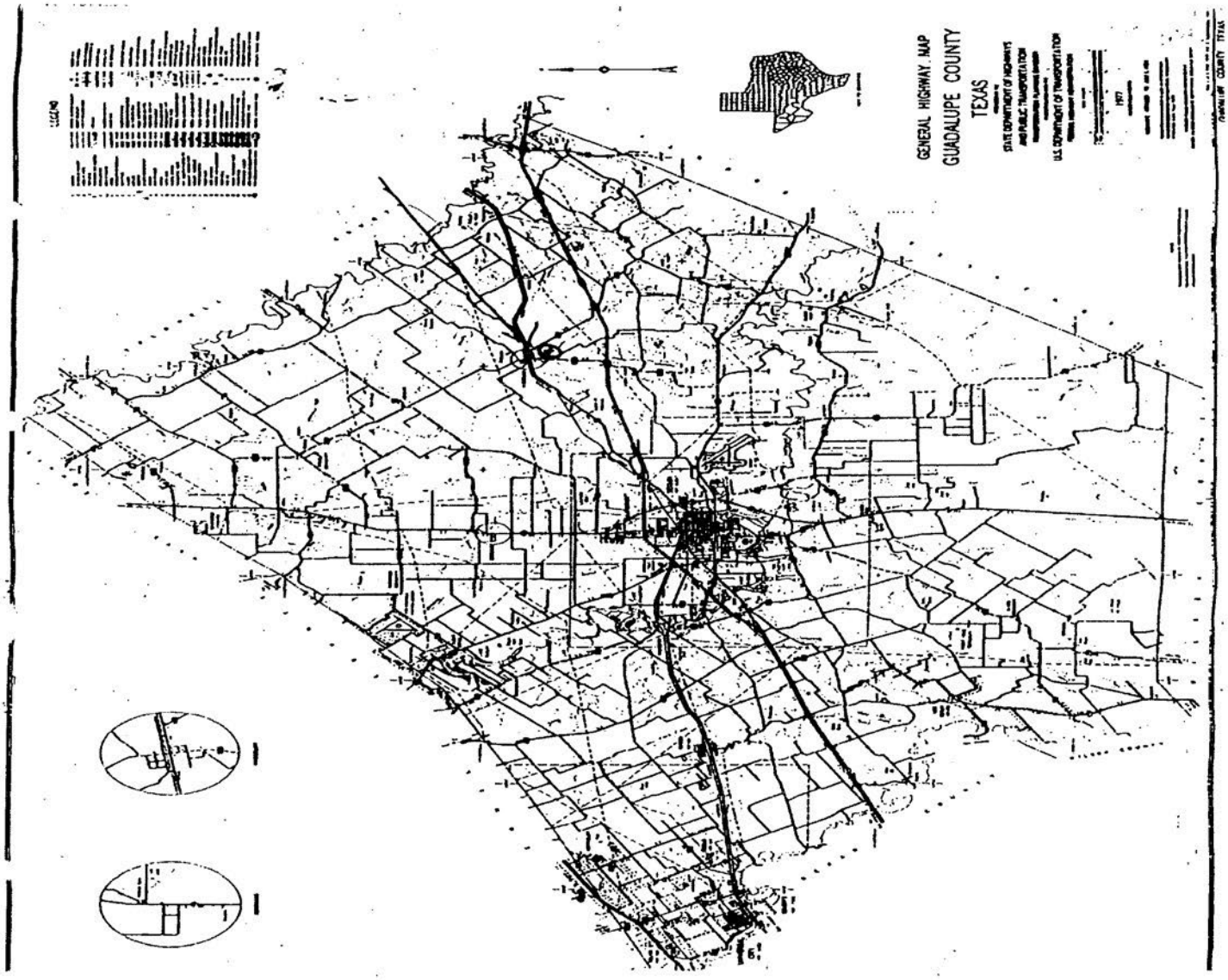
TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 21 **Distance from Property: 0.49 mi. E**

ID NUMBER:	**TX238813**
STATE ID :	**67-18-8**
OWNER NAME:	**CHRIS WRAMP**
DATE DRILLED:	**07/23/1994**
DEPTH DRILLED:	**270'**
STATIC LEVEL:	**90'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.826652000**
LATITUDE:	**29.639321000**

2 PAGE(S) OF DRILLERS' LOGS



CHRIS WIGMP

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238813

[redacted]

Send original copy certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas
WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Chris Wramp. (Name) ADDRESS 815 Crossroads Kingsbury, Tx 78155. (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Guadalupe. 1. miles in S. (NE, SW, etc.) direction from Kingsbury (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 7-21- 19 94 Completed 7-23- 19 94

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
7 7/8.	Surface	220.

From (ft.)	To (ft.)	Description and color of formation material
0-6	Flint Rock	180-220 - Shale Streaks
6-10	clay	
10-60	Sandy Clay	Asbesto - 180 ft.
60-120	Sand.	180-220 = Fill or Gravel
120-150	Shale.	
150-151	Rock	
151-170	Shale.	
170-175	Sand	
175-176	Rock	
175-180	Shale	

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☑ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 80 ft. to 180 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	Plastic Sch 80	0	80.	
4		Sch 80	160	180	10ft

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0. ft. to 10 ft. No. of Sacks Used 3
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Slf
Cemented by Harrold Bro.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☑ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 90. ft. below land surface Date 7-24-94
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 160. ft.

14) WELL TESTS:
Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 7. gpm with 140. ft. drawdown after 2 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

RECEIVED
SEP 01 1994
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Harrold Bro. (Type or print) WELL DRILLER'S LICENSE NO. 1137.

ADDRESS Rt 3- Box 822 (Street or RFD) Seguin (City) Tx (State) 78155 (Zip)

(Signed) [signature] (Licensed Well Driller) (Signed) [signature] (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TNRCC use only: Well no. _____ Located on map 67-18-8

TNRCC-0199 (Rev. 05-18-90)

TNRCC COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 22 **Distance from Property: 0.50 mi. E**

ID NUMBER:	**TX238822**
STATE ID :	**67-26-2D**
OWNER NAME:	**J. W. COFFEY**
DATE DRILLED:	**01/01/1976**
DEPTH DRILLED:	**188'**
STATIC LEVEL:	**120'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.826161000**
LATITUDE:	**29.623309000**

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238822

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 67-36-20
Located on map Yes
Received: 76

1) OWNER:
Person having well drilled J. W. Coffey (Name) Address (Street or RFD) Houston, Texas (City) (State)
Landowner J.W. Coffey (Name) Address (Street or RFD) Houston, Texas (City) (State)

2) LOCATION OF WELL:
County Guadalupe, ____ miles in ____ (N.E., S.W., etc.) direction from ____ (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* (Use reverse side if necessary)

North ↑

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor ____ League ____
Block ____ Survey ____
Abstract No. ____
(NW¼ NE¼ SW¼ SE¼) of Section ____

3) TYPE OF WORK (Check):
New Well X | Deepening | Reconditioning | Plugging

4) PROPOSED USE (Check):
Domestic X | Industrial | Municipal | Irrigation | Test Well | Other

5) TYPE OF WELL (Check):
Rotary | Driven | Dug | Cable X | Jetted | Bored

6) WELL LOG:
Diameter of hole 6 in. Depth drilled 187 ft. Depth of completed well 188 ft. Date drilled 1/1/76
All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	6	flint rock & clay
6	90	mixed clay and sand
90	150	shale
50	155	rock
155	165	shale
165	179	rock
170	187	quick sand

(Use reverse side if necessary)

9) Casing:
Type: Old | New X | Steel | Plastic X | Other
Cemented from ____ ft. to ____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4	0	170	

10) SCREEN:
Type
Perforated X | Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
4	150	170	

7) COMPLETION (Check):
Straight wall | Gravel packed X | Other
Under reamed | Open Hole

8) WATER LEVEL:
Static level 120 ft. below land surface Date 1/3/76
Artesian pressure ____ lbs. per square inch Date ____
Depth to pump bowls, cylinder, jet, etc., 150 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes | No X If yes, by whom?
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs.
Artesian flow ____ gpm
Temperature of water ____

12) WATER QUALITY:
Was a chemical analysis made? Yes | No X
Did any strata contain undesirable water? Yes | No X
Type of water? ____ depth of strata ____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Alfred Brown (Type or Print) Water Well Drillers Registration No. 310
ADDRESS P.O. Box 42 (Street or RFD) Kingsbury (City) Texas 78638 (State)
(Signed) Alfred Brown (Water Well Driller) Alfred Brown Waterwell Drlg. & Service (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-WD-8

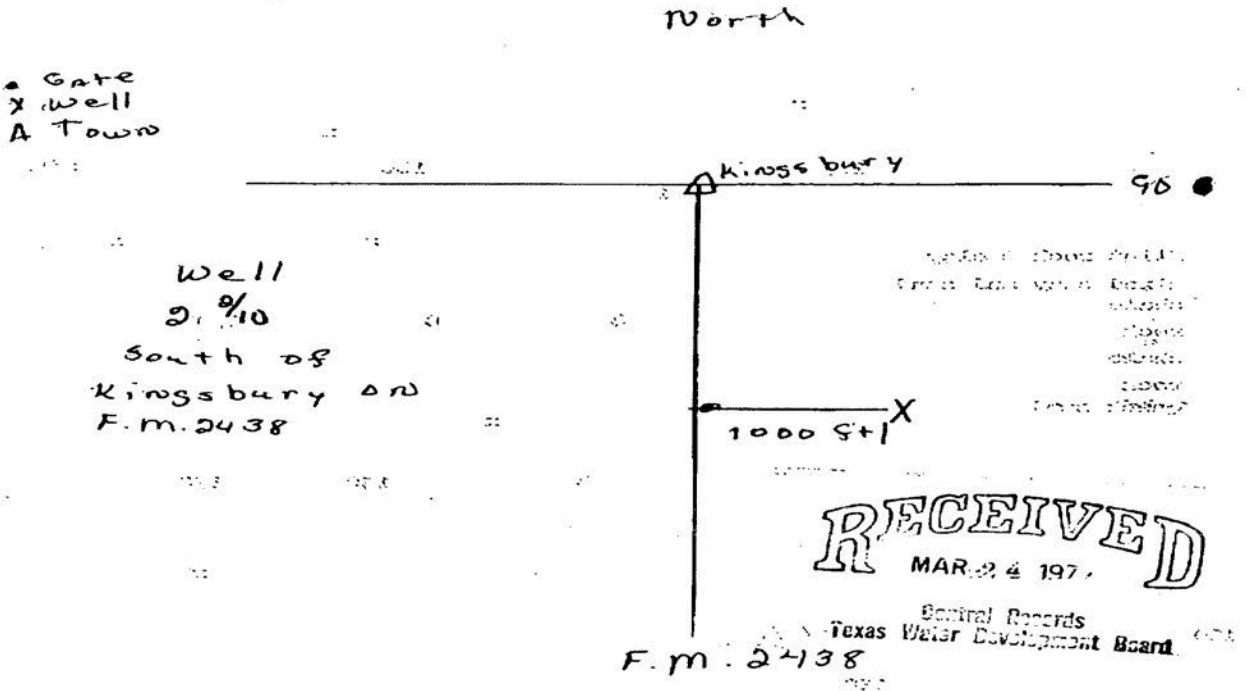
2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 23 **Distance from Property: 0.51 mi. NW**

ID NUMBER:	**TX238799**
STATE ID :	**67-18-7**
OWNER NAME:	**JOHN BREAZEAK**
DATE DRILLED:	**07/25/1986**
DEPTH DRILLED:	**135'**
STATIC LEVEL:	**100'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.852813000**
LATITUDE:	**29.638361000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238799

1.2mi S-NL
1.3mi E-WL

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER John Breazeak (Name) Address 5122 Rispoa San Antonio Tx (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Guadalupe 2.5 miles in N.W. (N.E., S.W., etc.) direction from Kingsbury Tx (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☐ See attached map. 67-33-4

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 7-25 19 96 Completed 7-25 19 96

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	135

From (ft.)	To (ft.)	Description and color of formation material
0	2	Surface Gravel
2	15	Red clay
15	36	Red Sandy clay
36	60	White Sandy Clay
60	100	Dark Gray Clay
100	135	Light Gray Fn Sand

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Plastic	-1.5	115	
4	N	.012 Screen	115	135	.012

9) CEMENTING DATA (Rule 319.44(b))
Cemented from -1 ft. to 15 ft. No. of Sacks Used 3.5
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Mixed + Poured
Cemented by John Evans Drlg

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 319.44(c))
☐ Pitless Adapter Used (Rule 319.44(d))
☑ Approved Alternative Procedure Used (Rule 319.71)

11) WATER LEVEL:
Static level 100' ft. below land surface Date 7-25-96
Artesian flow _____ gpm. Date _____

12) PACKERS: Type: Pre Fab Rubber Depth: 115

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 100' ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 10 gpm with 10 ft. drawdown after 2 hrs.

RECEIVED
AUG 25 96
Texas Water Commission

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME John Evans Drlg (Type or Print) Water Well Driller's License No. 1729

ADDRESS Rt 1 Box 68A (Street or RFD) Kingsbury (City) Tx (State) 78638 (Zip)

(Signed) _____ (Licensed Water Well Driller) (Signed) Randy Pearson (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only Well No. 67-18-7 Located on map _____

TWC-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 24 **Distance from Property: 0.52 mi. WNW**

ID NUMBER:	**TX238800**
STATE ID :	**67-18-7**
OWNER NAME:	**FRED THOMPSON**
DATE DRILLED:	**07/26/1985**
DEPTH DRILLED:	**135'**
STATIC LEVEL:	**105'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.860411000**
LATITUDE:	**29.632504000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238800

Please use black ink.
Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER Fred Thompson (Name) Address 1306 Jefferson #4 (Street or RFD) Seguin (City) TX (State) 78155 (Zip)

2) LOCATION OF WELL: County Guadalupe 7 miles in N.E (N.E., S.W., etc.) direction from Seguin TX (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. Mapsco 67-19-J

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 7-26-85

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	135

From (ft.)	To (ft.)	Description and color of formation material
0	30	Rocks yellow clay
30	70	Coarse white to Brown Sand
70	120	Dark Gray clay
120	135	Fine Gray Sand

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 105 ft. to 135 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Plastic	+1½	115	
4	N	Plastic Slotted	115	135	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from -1 ft. to 15 ft.
ft. to ft.
Method used Mixed & Poured
Cemented by John Evans Drlg

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☑ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 105 ft. below land surface Date 7-26-85
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

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SEP 12 1985
TEXAS WATER COMMISSION

(Use reverse side if necessary)

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 120 ft.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 10 gpm with 10 ft. drawdown after 2 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME John Evans Drlg (Type or Print) Water Well Driller's License No. 1729

ADDRESS 113 Navasota Ln (Street or RFD) Seguin (City) TX (State) 78155 (Zip)

(Signed) _____ (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 67-18-714
Located on map Yes E-5.

TDWR-0582 (12/29/83)

DEPARTMENT OF WATER RESOURCES COPY

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 25 **Distance from Property: 0.53 mi. S**

TRACK #: **543807**
DATE ENTERED: **2020-05-21**
OWNER NAME: **DAN DWYER**
OWNER ADDRESS: **7975 E IH 10**
SEGUIN, TX 78155
COUNTY: **GUADALUPE**
LATITUDE: **29.613639000** LONGITUDE: **-97.847222000**

WELL LOG:
DRILLING DATE (STARTED): **2020-05-11**
DRILLING DATE (COMPLETED): **2020-05-11**
DEPTH DRILLED: **126'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **2020-05-11**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 26 **Distance from Property: 0.53 mi. E**

ID NUMBER:	**TX238812**
STATE ID :	**67-18-8**
OWNER NAME:	**JOHN MERRITT**
DATE DRILLED:	**10/22/1997**
DEPTH DRILLED:	**220'**
STATIC LEVEL:	**120'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.825959000**
LATITUDE:	**29.637517000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238812

Send original copy by certified return receipt requested mail to. .4RCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** John Merritt (Name) **ADDRESS** 15015 Old Creek (Street or RFD) San Antonio (City) TX (State) 78217 (Zip)

2) **ADDRESS OF WELL:** County Guadalupe 875 Cross Rd. (Street, RFD or other) Kingsbury (City) TX (State) 78638 (Zip) **GRID #** 67-18-8

3) **TYPE OF WORK (Check):** ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Monitor ☐ Environmental Soil Boring ☒ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5)

6) **WELL LOG:**
Date Drilling: Started 10/22 19 97 Completed 10/22 19 97

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 1/8	Surface	240
7 7/8	"	220

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0		clay
5		gravel
8		clay
60		sandy clay
100		clay
133		sand
140		clay
165		rock
166		clay
186		sand & clay streaks
196		rock
197		clay
201		rock
203		clay

(Use reverse side of Well Owner's copy, if necessary)

8) **Borehole Completion (Check):** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☒ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 170 ft. to 220 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Plastic	0	220	Sch40
4	N	Screen mfg. 16°	180	200	" "

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 12 ft. No. of sacks used 1
ft. to ft. No. of sacks used
Method used
Cemented by Larry Deharde
Distance to septic system field lines or other concentrated contamination ? ft.
Method of verification of above distance None

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 120 ft. below land surface Date 10/22/97
Artesian flow gpm. Date

12) **PACKERS:**

Type	Depth
4 - sacks Hole Plug	160'-170'
4" + 7" Rubber Packer	220'

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 180 ft.

14) **WELL TESTS:**
Type test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 9 gpm with @ 220 ft. drawdown after hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Deharde Water Well Service (Type or print) **WELL DRILLER'S LICENSE NO.** 2328 WPK

ADDRESS 1075 Schuenemann Rd. (Street or RFD) Seguin (City) TX (State) 78155 (Zip)

(Signed) Larry Deharde (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) *White - TNRCC Yellow - DRILLER Pink - WELL OWNER*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 27 **Distance from Property: 0.55 mi. NE**

ID NUMBER:	**TX238819**
STATE ID :	**67-18-8**
OWNER NAME:	**CECIL RICKETTS**
DATE DRILLED:	**04/03/1996**
DEPTH DRILLED:	**217'**
STATIC LEVEL:	**97'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.828390000**
LATITUDE:	**29.644791000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238819

Send original copy by certified mail to: TNRCC, P.O. Box [redacted]87, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Cecil Ricketts (Name) ADDRESS 6912 FM 2438 (Street or RFD) Kingsbury (City) TX (State) 78638 (Zip)

2) ADDRESS OF WELL: County Guadalupe Same (Street, RFD or other) (City) (State) (Zip) GRID # 67-18-8

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5)

6) WELL LOG:
Date Drilling: Started 4/3 19 96 Completed 4/3 19 96

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	217
7 7/8	"	210

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	gravel	
7	clay	
85	brown clay	
209	clay	

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 100 ft. to 210 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	Plastic	0	210	Sch40
"	"	Screen mfg. 20°	190	210	" "

RECEIVED
JUN 05 1996
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

(Use reverse side if necessary)

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 90 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used Pressured cemented
Cemented by Larry Deharde
Distance to septic system field lines or other concentrated contamination 80 ft.
Method of verification of above distance wheel

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

14) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 35 gpm with 180 ft. drawdown after ★★★★★★ hrs.

11) WATER LEVEL:
Static level 97 ft. below land surface Date 4/3/96
Artesian flow gpm. Date

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS:

Type	Depth
4- sacks hole plug	90'-100'

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Deharde Water Well Service (Type or print) WELL DRILLER'S LICENSE NO. 2328 WPK

ADDRESS 1075 Schuenemann Rd. (Street or RFD) Seguin (City) TX (State) 78155 (Zip)

(Signed) Larry Deharde (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-01-94) TNRCC COPY

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 28 **Distance from Property: 0.55 mi. NE**

TRACK #: **441624**
DATE ENTERED: **2017-01-30**
OWNER NAME: **CELESTINO MORENO**
OWNER ADDRESS: **166 CROSSROADS**
KINGSBURY, TX 78638
COUNTY: **GUADALUPE**
LATITUDE: **29.644528000** LONGITUDE: **-97.827972000**

WELL LOG:
DRILLING DATE (STARTED): **2017-01-11**
DRILLING DATE (COMPLETED): **2017-01-12**
DEPTH DRILLED: **200'**

WATER LEVEL:
STATIC LEVEL: **95'**
WATER LEVEL DATE: **2017-01-12**
TYPE OF WATER: **UNKNOWN**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 28 **Distance from Property: 0.58 mi. NE**

ID NUMBER:	**TX238807**
STATE ID :	**67-18-8B**
OWNER NAME:	**ROY RICKET**
DATE DRILLED:	**06/24/1970**
DEPTH DRILLED:	**160'**
STATIC LEVEL:	**160'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.827823000**
LATITUDE:	**29.644929000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238807

GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. [illegible] PI
Located on map
Received:
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled Roy Ricket (Name) Address (Street or RFD) Kingsbury, Tex. (City) (State)
Landowner Roy ricket (Name) Address (Street or RFD) Kingsbury, Tex. (City) (State)

2) LOCATION OF WELL:
County Guadalupe Labor League Abstract No.
NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)
miles in 1 SE (NE, SW, etc.) direction from Kingsbury (Town).

NORTH

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 160 ft. Depth of completed well 160 ft. Date drilled 6/24/70
All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	clay
4	12	gravel
12	108	yellow clay
108	112	rock
112	140	brown shale
140	150	sand
150	160	shale

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight Wall ☐ Gravel packed ☒ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 90 ft. below land surface Date
Artesian pressure lbs. per square inch Date

9) CASING:
Type: old ☐ New ☒ Steel ☐ Plastic ☒ Other ☐
Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	161	

10) SCREEN:
Type
Perforated ☒ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
4	121	161	

11) WELL TESTS:
Was a pump test made? ☐ Yes ☒ No If yes by whom?
Yield: gpm with ft. drawdown after hrs
Bailer test gpm with ft. drawdown after hrs
Artesian flow gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☒ No
Type of water? depth of strata

12) PUMP DATA:
Manufacturer's Name Aermotor
Type Sucker H.P. ½
Designed pumping rate gpm ☐ mph ☐
Type power unit
Depth to bowls, cylinder, jet, etc., 140 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Alfred Brown (Type or Print) Water Well Drillers Registration No. 310
Address P.O. Box 42 (Street or RFD) Kingsbury (City) Tex. (State)
(Signed) Alfred Brown (Water Well Driller) Alfred Brown Waterwell Drlg. & Service (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 29 **Distance from Property: 0.55 mi. E**

TRACK #: **389598**
DATE ENTERED: **2015-03-02**
OWNER NAME: **GRAY MOSIER**
OWNER ADDRESS: **P.O. BOX 6**
KINGSBURY, TX 78638
COUNTY: **GUADALUPE**
LATITUDE: **29.623889000** LONGITUDE: **-97.825278000**

WELL LOG:
DRILLING DATE (STARTED): **2015-01-26**
DRILLING DATE (COMPLETED): **2015-01-27**
DEPTH DRILLED: **340'**

WATER LEVEL:
STATIC LEVEL: **140'**
WATER LEVEL DATE: **2015-01-27**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

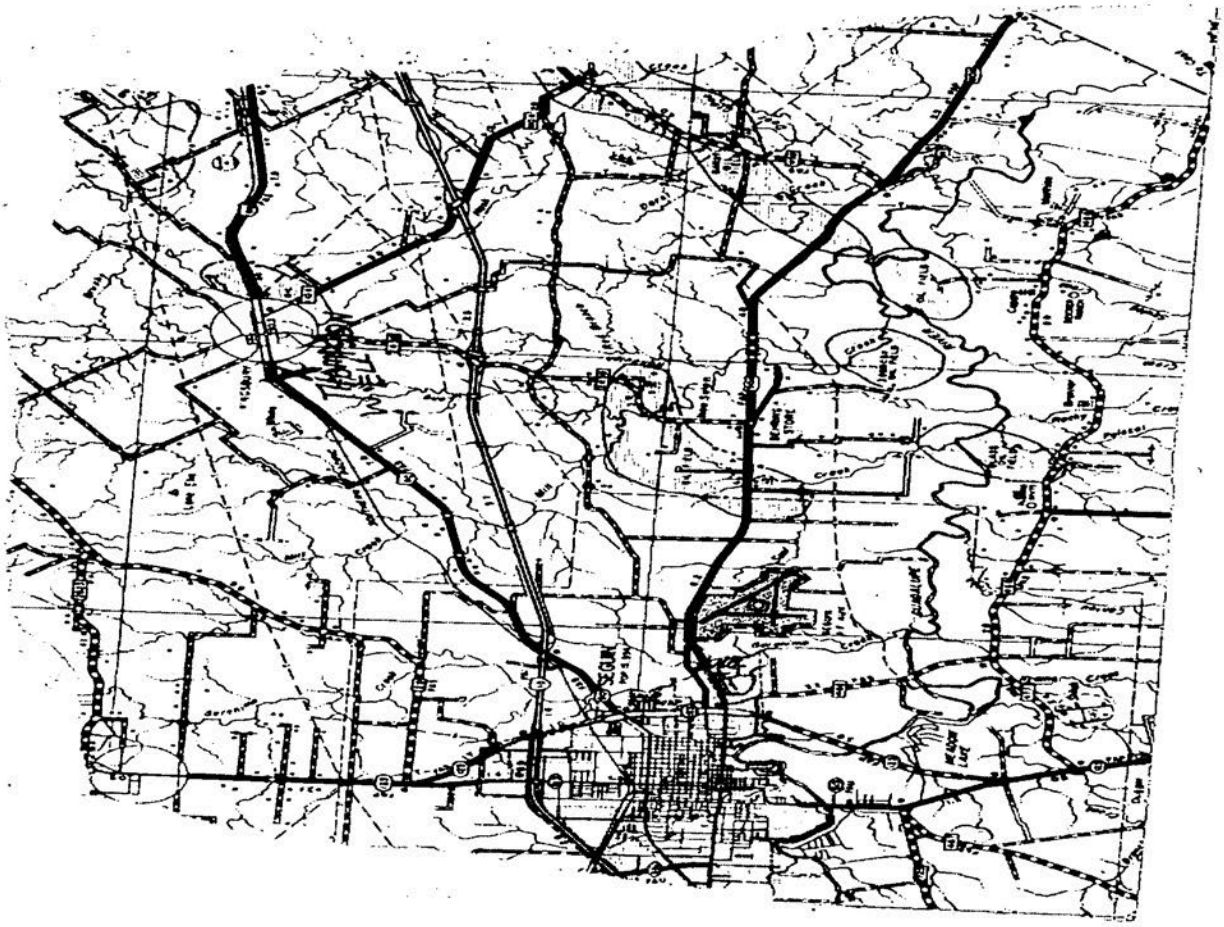
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 30 **Distance from Property: 0.55 mi. WNW**

ID NUMBER:	**TX238804**
STATE ID :	**67-18-7J**
OWNER NAME:	**LLOYD THOMPSON**
DATE DRILLED:	**09/05/1983**
DEPTH DRILLED:	**220'**
STATIC LEVEL:	**105'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.860634000**
LATITUDE:	**29.633098000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 238804



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238804

67-18-7J

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER Lloyd Thompson (Name) Address 946 Bailey Rd. (Street or RFD) Seguin (City) Tex. (State) 78155 (Zip)

2) LOCATION OF WELL: County Guadalupe 1 miles in West (N.E., S.W., etc.) direction from Klingsbury Tex (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map.

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 9-5-83

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	220

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 180 ft. to 220 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	4	topsoil
4	43	tan clay
43	106	gray clay
106	130	sand
130	197	gray clay
197	220	sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	New	slotted, PVC	0	220	

CEMENTING DATA
Cemented from 0 ft. to 10 ft.
Method used mixed + poured
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 105 ft. below land surface Date 9-5-83
Artesian flow _____ gpm. Date _____

10) PACKERS: Type None Depth

11) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 182 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 80 gpm with 0 ft. drawdown after 3 hrs.

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DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME John Evans Drlg. (Type or Print) Water Well Driller's License No. 1729

ADDRESS 113 Navaceta Lane (Street or RFD) Seguin (City) Tex (State) 78155 (Zip)

(Signed) _____ (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only Well No. 67-18-7J Located on map 79S C.F.S.

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 31 **Distance from Property: 0.56 mi. S**

TRACK #: **543713**
DATE ENTERED: **2020-05-20**
OWNER NAME: **CEASAR SERNA**
OWNER ADDRESS: **8277 E IH 10**
SEGUIN, TX 78155
COUNTY: **GUADALUPE**
LATITUDE: **29.613306000** LONGITUDE: **-97.840056000**

WELL LOG:
DRILLING DATE (STARTED): **2020-05-12**
DRILLING DATE (COMPLETED): **2020-05-12**
DEPTH DRILLED: **170'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **2020-05-12**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 32 **Distance from Property: 0.57 mi. SW**

TRACK #: **181081**
DATE ENTERED: **2009-06-04**
OWNER NAME: **MARK WESTERHOLM**
OWNER ADDRESS: **594 WILSON ROAD**
SEGUIN, TX 78155
COUNTY: **GUADALUPE**
LATITUDE: **29.618055000** LONGITUDE: **-97.862501000**

WELL LOG:
DRILLING DATE (STARTED): **2006-03-14**
DRILLING DATE (COMPLETED): **2006-03-14**
DEPTH DRILLED: **200'**

WATER LEVEL:
STATIC LEVEL: **66'**
WATER LEVEL DATE: **2006-03-14**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 33 **Distance from Property: 0.58 mi. S**

TRACK #: **343298**
DATE ENTERED: **2013-10-14**
OWNER NAME: **JENNY RODRIQUEZ**
OWNER ADDRESS: **P.O. BOX 1778**
SEGUIN, TX 78155
COUNTY: **GUADALUPE**
LATITUDE: **29.613056000** LONGITUDE: **-97.836945000**

WELL LOG:
DRILLING DATE (STARTED): **2013-08-23**
DRILLING DATE (COMPLETED): **2013-08-24**
DEPTH DRILLED: **200'**

WATER LEVEL:
STATIC LEVEL: **60'**
WATER LEVEL DATE: **2013-08-25**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
DEEPENING

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **HERBOLD BROTHERS**
COMPANY ADDRESS: **6395 F.M. 467**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 34 **Distance from Property: 0.60 mi. WNW**

ID NUMBER:	**TX238794**
STATE ID :	**67-18-7**
OWNER NAME:	**RANDY FINCH**
DATE DRILLED:	**03/15/1991**
DEPTH DRILLED:	**120'**
STATIC LEVEL:	**29'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.863926000**
LATITUDE:	**29.628350000**

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238794

94

Send original copy by certified mail to: Texas Water Com'on, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

State of Texas
WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Randy Finch (Name) ADDRESS 5019 Space Center Dr (Street or RFD) San (City) Tx (State) 78218 (Zip)

2) LOCATION OF WELL: County Guadalupe 12 miles in East (NE, SW, etc.) direction from Seguin (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 3-14 19 91 Completed 3-15 19 91

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6¾	Surface	120

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 10 ft. to 120 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	2	Flint Rock 106 – 120 Stee
2	40	Chay
40	50	Blue Shale
50	55	Sand
55	56	Rock
56	73	Sand
73	76	Rock
76	78	Sand
78	100	Shale
100	120	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	plastic 20 perf	0	120	

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used _____
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by Self

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 25 gpm with 0 ft. drawdown after 1 hrs.

RECEIVED
APR 10 1991
TEXAS WATER COMMISSION

11) WATER LEVEL:
Static level 29 ft. below land surface Date 3-15-91
Artesian flow _____ gpm. Date _____

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS: Type _____ Depth _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Henbold Bros (Type or print) WELL DRILLER'S LICENSE NO. 1137

ADDRESS Rt 3 Box 822 (Street or RFD) Seguin (City) Tx (State) 78155 (Zip)

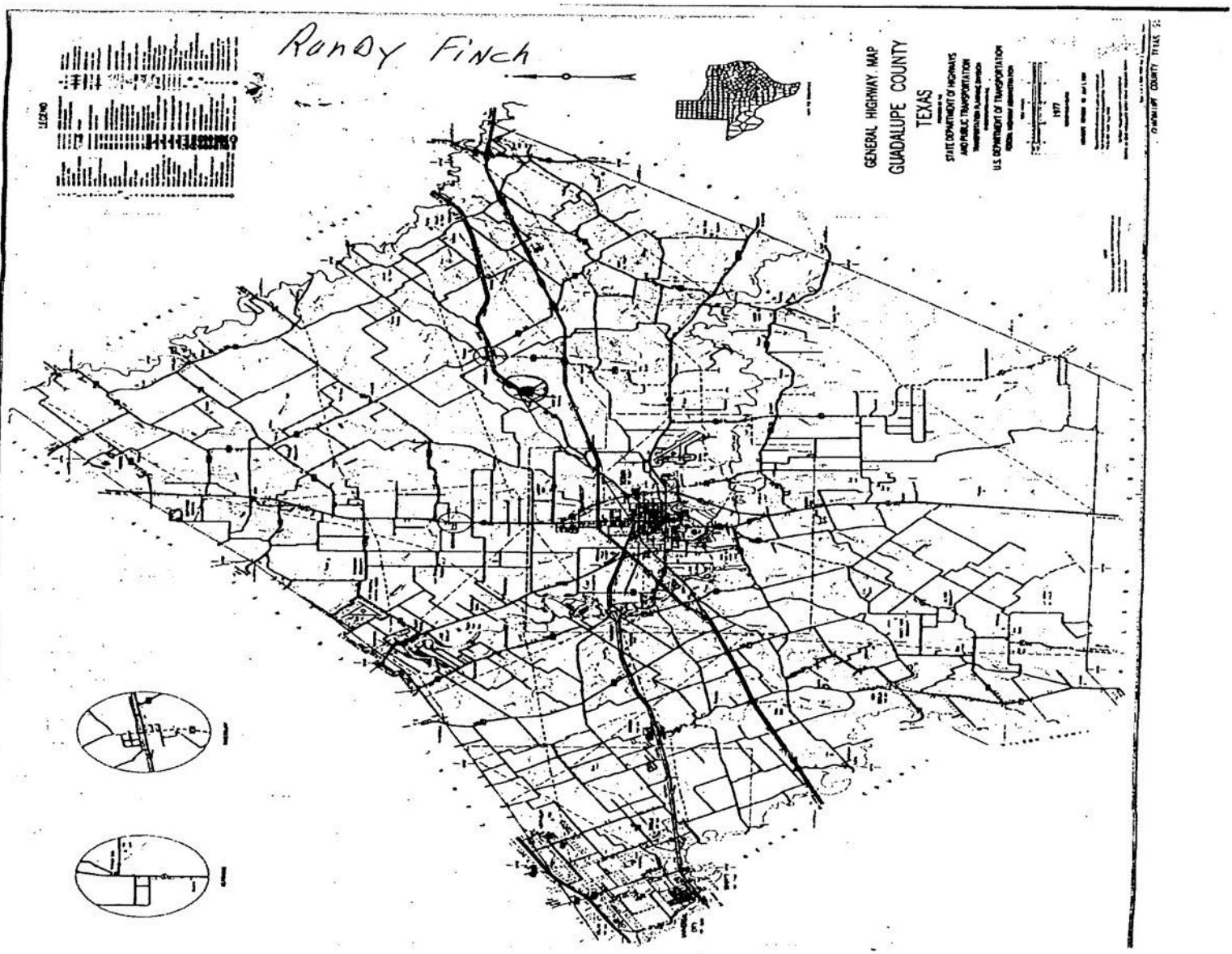
(Signed) Roland Thibold (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 67-18-7 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY


Randy Finch
GENERAL HIGHWAY MAP
GUADALUPE COUNTY
TEXAS

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 35 **Distance from Property: 0.61 mi. SSW**

TRACK #: **28243**
DATE ENTERED: **2003-11-13**
OWNER NAME: **GUADALUPE COUNTY**
OWNER ADDRESS: **307 W. COURT ST.**
SEGUIN, TX 78155
COUNTY: **GUADALUPE**
LATITUDE: **29.613056000** LONGITUDE: **-97.855001000**

WELL LOG:
DRILLING DATE (STARTED): **2003-09-29**
DRILLING DATE (COMPLETED): **2003-09-29**
DEPTH DRILLED: **180'**

WATER LEVEL:
STATIC LEVEL: **45'**
WATER LEVEL DATE: **2003-09-30**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **HERBOLD BROTHERS**
COMPANY ADDRESS: **6395 F.M. 467**
SEGUIN, TX 78155

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 36 **Distance from Property: 0.61 mi. E**

TRACK #: **549506**
DATE ENTERED: **2020-07-29**
OWNER NAME: **JAMES & KATIE HUNTER**
OWNER ADDRESS: **2262 HUNTERS WAY**
SEGUIN, TX 78155
COUNTY: **GUADALUPE**
LATITUDE: **29.632500000** LONGITUDE: **-97.824528000**

WELL LOG:
DRILLING DATE (STARTED): **2020-07-01**
DRILLING DATE (COMPLETED): **2020-07-02**
DEPTH DRILLED: **290'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **2020-07-02**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 37 **Distance from Property: 0.64 mi. NE**

TRACK #: **331072**
DATE ENTERED: **2013-08-06**
OWNER NAME: **MARGARET TAYLOR**
OWNER ADDRESS: **PO BOX 721**
SEGUIN, TX 78638
COUNTY: **GUADALUPE**
LATITUDE: **29.646111000** LONGITUDE: **-97.827778000**

WELL LOG:
DRILLING DATE (STARTED): **2006-09-28**
DRILLING DATE (COMPLETED): **2006-09-29**
DEPTH DRILLED: **360'**

WATER LEVEL:
STATIC LEVEL: **103'**
WATER LEVEL DATE: **2006-09-29**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **NOT REPORTED**
NOT REPORTED

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 38 **Distance from Property: 0.64 mi. E**

TRACK #: **156675**
DATE ENTERED: **2008-10-17**
OWNER NAME: **TED IMHOFF**
OWNER ADDRESS: **6187 FM 2438**
KINGSBURY, TX 78638
COUNTY: **GUADALUPE**
LATITUDE: **29.639445000** LONGITUDE: **-97.824167000**

WELL LOG:
DRILLING DATE (STARTED): **2005-08-29**
DRILLING DATE (COMPLETED): **2005-08-29**
DEPTH DRILLED: **280'**

WATER LEVEL:
STATIC LEVEL: **142'**
WATER LEVEL DATE: **2005-08-29**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN ROAD**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 39 **Distance from Property: 0.65 mi. WSW**

ID NUMBER:	**TX238827**
STATE ID :	**67-26-1**
OWNER NAME:	**KERMIT WESTERHOLM**
DATE DRILLED:	**03/19/1987**
DEPTH DRILLED:	**180'**
STATIC LEVEL:	**80'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.864564000**
LATITUDE:	**29.618434000**

2 PAGE(S) OF DRILLERS' LOGS

·2 m: SINL
·8 m: WIEL

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER KERMIT WESTER Holm (Name) Address 525 BERKLEY (Street or RFD) SEGUIN (City) TX (State) 78155 (Zip)

2) LOCATION OF WELL: County GUADALUPE 5 miles in NORTH EAST (N.E., S.W., etc.) direction from SEGUIN (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 3-18 19 82 Completed 3-19 19 82

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	

From (ft.)	To (ft.)	Description and color of formation material
0	2.	FLINT ROCK
2	20.	YELLOW CLAY
20	24	ROCK
24	38.	YELLOW CLAY
38	45	BROWN SAND
45	57.	BLUE SHALE
57	61.	SAND
61	75	BLUE SHALE
75	76	ROCK
76	80.	YELLOW SAND
80	90.	BLUE SHALE
90	117.	BLUE SAND
117	118	ROCK
118	130.	BLUE SAND
130	141.	BLUE SHALE
141	145.	BLUE SAND
145	147	ROCK
147	162.	BLUE SAND
162	164	ROCK
164	175	SAND
175 -	180.	BLUE SHALE

RECEIVED
APR 9 1987
TEXAS WATER COMMISSION

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 10. ft. to 180 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4		PVC SLOTTED.	0-	180	
		REPEATED.	150-	180.	

9) CEMENTING DATA (Rule 319.44(b))
Cemented from 0 ft. to 10 ft. No. of Sacks Used 3
_____ ft. to _____ ft. No. of Sacks Used _____
Method used MIXED IN WHEELBARROW
Cemented by HERBOLD BRO.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 319.44(c))
☐ Pitless Adapter Used (Rule 319.44(d))
☒ Approved Alternative Procedure Used (Rule 319.71)

11) WATER LEVEL:
Static level 80 ft. below land surface Date 3-19-87
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth
NONE -

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 130. ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 60. gpm with 30. ft. drawdown after 1 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME HERBOLD BRO. DRILLING (Type or Print) Water Well Driller's License No. 1137.

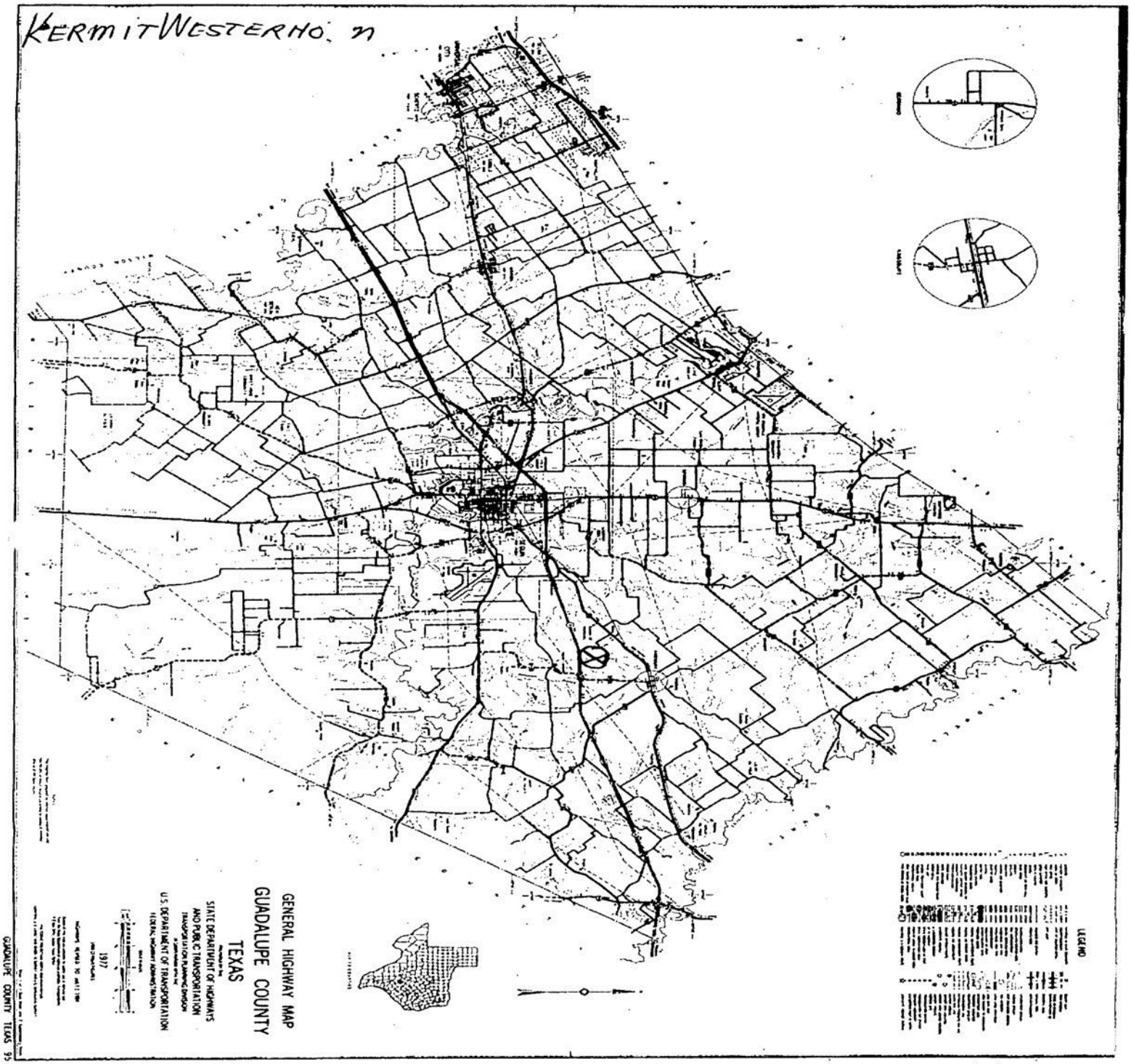
ADDRESS RT-3- BOX 824. (Street or RFD) SEGUIN (City) TEXAS (State) 78155 (Zip)

(Signed) Roland Herbold (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 67-26-1
Located on map _____

TWC-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY


KERMIT WESTER HO. 71
GENERAL HIGHWAY MAP
GUADALUPE COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION
U.S. DEPARTMENT OF TRANSPORTATION
1977
LEGEND
GUADALUPE COUNTY TEXAS 95

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 40 **Distance from Property: 0.65 mi. NE**

ID NUMBER:	**TX238815**
STATE ID :	**67-18-8**
OWNER NAME:	**CHRIS BOERGER**
DATE DRILLED:	**03/24/1992**
DEPTH DRILLED:	**166'**
STATIC LEVEL:	**100'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.828057000**
LATITUDE:	**29.646603000**

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238815

Send original copy by certified mail to: Texas Water Comm[illegible], P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

[redacted] ON OWNER: Confidentiality Privilege Notice on Reverse Side

State of Texas
WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Chris Boerger (Name) ADDRESS 7040 FM 2438 (Street or RFD) Kingsbury (City) Tx. (State) 78638 (Zip)

2) LOCATION OF WELL: County Guadalupe 10 miles in NE (NE, SW, etc.) direction from SEGUIN (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other ☐ Driven

6) WELL LOG:
Date Drilling: Started 3-24 1992 Completed 3-24 1992

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	166
7 7/8	"	15

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 100 ft. to 166 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	4	clay + gravel
4	6	gravel
6	36	clay white
36	60	sandy clay
60	105	blue clay
105	165	sand
165	—	blue clay

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Plastic	0	168	sch. 40
"	"	Screen Mfg. KC	146	166	" "

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 1
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by Dary DeHarde

RECEIVED
APR 0 2 1992
TEXAS WATER COMMISSION

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 100' ft. below land surface Date 3-24-92
Artesian flow _____ gpm. Date _____

12) PACKERS: Type: none Depth: _____

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☑ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 6 gpm with _____ ft. drawdown after _____ hrs.
pumped 15 gpm - 145'

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME DEHARDE WATER WELL SERV. (Type or print) WELL DRILLER'S LICENSE NO. 2328

ADDRESS Rt 5 Box 446 (Street or RFD) SEGUIN (City) Tx. (State) 78155 (Zip)

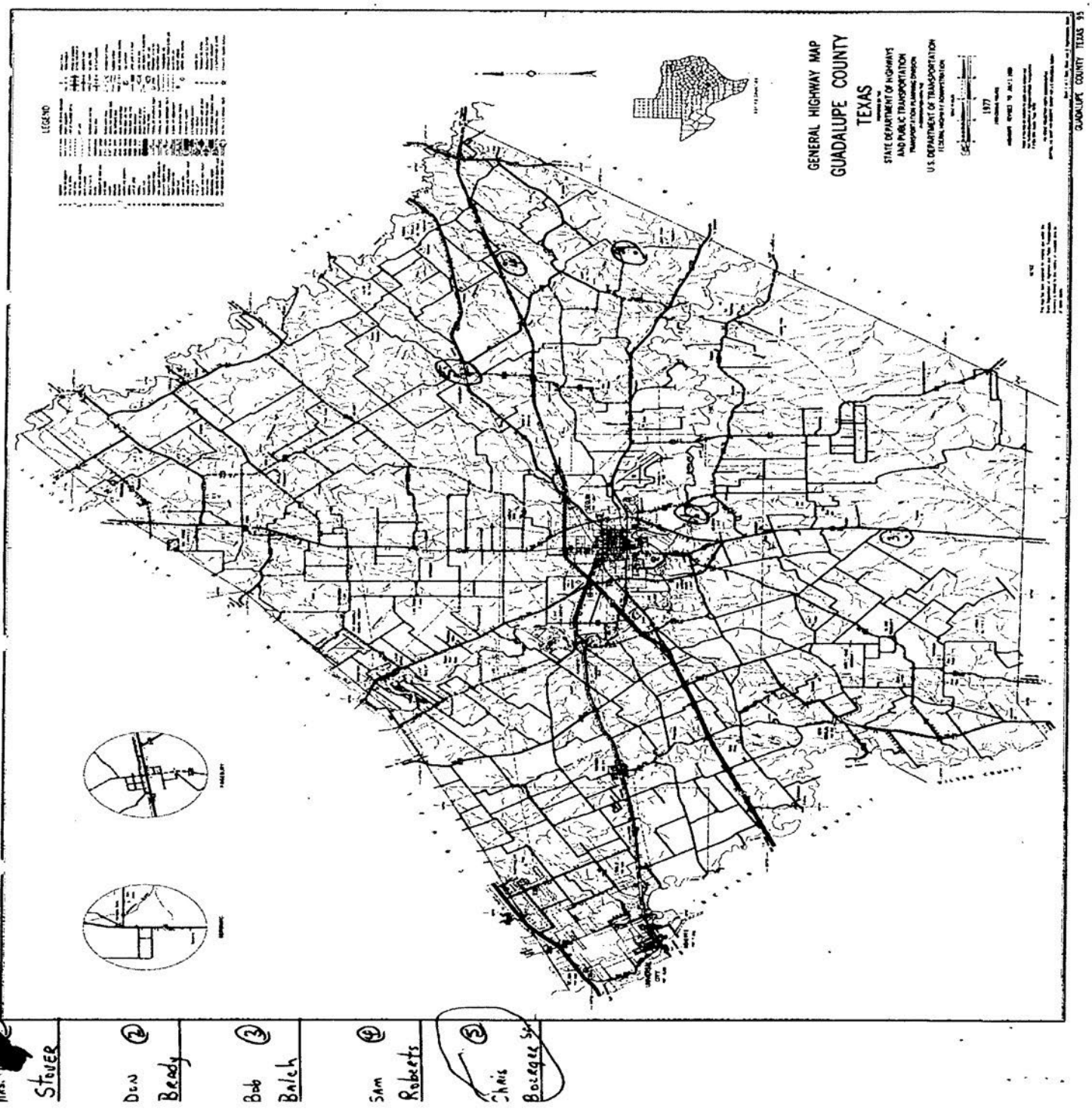
(Signed) Dary DeHarde (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 5 Located on map 67-S-4

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY


GENERAL HIGHWAY MAP
GUADALUPE COUNTY
TEXAS
LEGEND
Mrs. Stover
Don Brady
Bob Balch
Sam Roberts
Chris Boregee Sr

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 41 **Distance from Property: 0.66 mi. S**

ID NUMBER:	**TX238833**
STATE ID :	**67-26-1**
OWNER NAME:	**SILVER WOLF RANCH #2**
DATE DRILLED:	**11/11/1997**
DEPTH DRILLED:	**360'**
STATIC LEVEL:	**90'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.833572000**
LATITUDE:	**29.611931000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238833

Send original copy by certified return receipt requested mail to: .CC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Silver Wolf Ranch #2 (Name) ADDRESS 900 Savage Seguin, TX. 78155 (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County Guadalupe 900 Savage Rd. Seguin, Tx. 78155 (Street, RFD or other) (City) (State) (Zip) GRID • 67-26-1

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) ⊗ N

6) WELL LOG:
Date Drilling: Started 11/10 19 97 Completed 11/11 19 97

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
9	Surface	360

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	2	Flint Rock
2	20	R Clay
20	60	Y Clay
60	115	B. Shale
115	135	Sand
135	175	B. Shale
175	220	Sand
220	230	Shale
230	232	Rock
232	238	Sand
238	245	Shale
245	247	Rock
247	265	Sand
265	285	Shale Str Sand
285	290	Sand
290	292	Rock
292	310	Sand Str
310	360	Sand

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [X] Open Hole [ ] Straight Wall [ ] Underreamed [X] Gravel Packed [ ] Other
If Gravel Packed give interval ... from 160 ft. to 360 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	PVC.	0	320	
		PVC Screen	320	360	20 Slot

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 10 ft. No. of sacks used 3
ft. to ft. No. of sacks used
Method used Tremie Mix
Cemented by Herbold Bros Drilling
Distance to septic system field lines or other concentrated contamination 125 ft.
Method of verification of above distance Measure

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[ ] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[X] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 90 ft. below land surface Date 11-12-97
Artesian flow gpm. Date

12) PACKERS: Type Depth

13) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder [ ] Other
Depth to pump bowls, cylinder, jet, etc., 200 ft.

14) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [ ] Jetted [ ] Estimated
Yield: 100 gpm with 0 ft. drawdown after 2 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? [ ] Yes [X] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Herbold Brothers (Type or print) WELL DRILLER'S LICENSE NO. 4070 TW

ADDRESS 6395 F.M. 467 (Street or RFD) Seguin (City) TX (State) 78155 (Zip)

(Signed) (Licensed Well Driller) (Signed) (Registered Driller Trainee)

EMP JAN 1998 COMPLETED

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) White - TNRCC Yellow - DRILLER Pink - WELL OWNER

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 42 **Distance from Property: 0.67 mi. S**

ID NUMBER:	**TX238830**
STATE ID :	**67-26-1J**
OWNER NAME:	**RED HERRING**
DATE DRILLED:	**08/12/1969**
DEPTH DRILLED:	**194'**
STATIC LEVEL:	**69'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.835012000**
LATITUDE:	**29.611634000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238830

[redacted] [redacted]

CW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

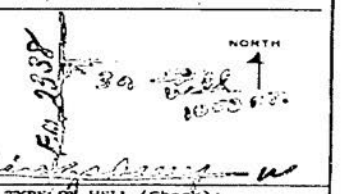
WATER WELL REPORT

For TWDB Well No. 67-26-13
Located on map
Received:
Form CW 8
Form CW 9

1) OWNER:
Person having well drilled Red Herring (Name) Address Kingsbury, Tex. (Street or RFD) (City) (State)
Landowner (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Guadalupe Labor League Abstract No.
NW¼ NE¼ SW¼ SE¼ of Section (Circle as many as are known) Block No. Survey
miles in 3 S.E. direction from (NE, SW, etc) (Town)

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.



3) TYPE OF WORK (Check): New Well ☒ Deepening ☐ Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check): Domestic ☒ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check): Rotary ☒ Driven ☐ Dug ☐ Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 7 3/8 in. Depth drilled 194 ft. Depth of completed well 194 ft. Date drilled 8/12/69
All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	80	yellow hard clay
80	120	blue sandy clay
120	125	brown clay
125	156	rock
156	160	brown clay
60	163	sand
163	180	rock
180	194	rock sand streaks

From (ft.)	To (ft.)	Description and color of formation material
		(Use reverse side if necessary)

7) COMPLETION (Check):
Straight Wall ☐ Gravel packed ☒ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 69 ft. below land surface Date 8/19/69
Artesian pressure lbs. per square inch Date

9) CASING:
Type: Old ☐ New ☒ Steel ☐ Plastic ☒ Other ☐
Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	200	

10) SCREEN:
Type
Perforated ☒ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
4	180	200	

11) WELL TESTS:
Was a pump test made? ☐ Yes ☒ No If yes by whom?
Yield: gpm with ft. drawdown after hrs
Bailer test gpm with ft. drawdown after hrs
Artesian flow gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☒ No
Type of water? depth of strata

12) PUMP DATA:
Manufacturer's Name Aermotor
Type Sub H.P. 1
Designed pumping rate gpm ☐ gph ☐
Type power unit
Depth to bowls, cylinder, jet, etc., 150 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME: Alfred Brown (Type or Print) Water Well Drillers Registration No. 310
Address P.O. Box 42 (Street or RFD) Kingsbury (City) Tex. 78638 (State)
(Signed) Alfred Brown (Water Well Driller) Alfred Brown Waterwell Drlg. & Service (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

14

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 43 **Distance from Property: 0.70 mi. S**

TRACK #: **551270**
DATE ENTERED: **2020-08-18**
OWNER NAME: **MICHAEL TUMLINSON**
OWNER ADDRESS: **8215 IH 10 EAST**
SEGUIN, TX 78155
COUNTY: **GUADALUPE**
LATITUDE: **29.611222000** LONGITUDE: **-97.842583000**

WELL LOG:
DRILLING DATE (STARTED): **2020-07-13**
DRILLING DATE (COMPLETED): **2020-07-13**
DEPTH DRILLED: **160'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **2020-07-13**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 44 **Distance from Property: 0.70 mi. S**

ID NUMBER:	**TX238832**
STATE ID :	**67-26-1**
OWNER NAME:	**JIM TUCKER**
DATE DRILLED:	**03/09/1998**
DEPTH DRILLED:	**200'**
STATIC LEVEL:	**78'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.836127000**
LATITUDE:	**29.611181000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238832

Send original copy by certified return receipt requested mail to: TCEQ, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Jim Tucker (Name) ADDRESS 8611E. IH-10 (Street or RFD) Seguin (City) TX (State) 78155 (Zip)

2) ADDRESS OF WELL: County Guadalupe Same as above (Street, RFD or other) (City) (State) (Zip) GRID # 67-26-1

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☒ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5)

6) WELL LOG: Date Drilling: Started 3/9 19 98 Completed 3/9 19 98

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	200
7 7/8	reamed	10

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0		surface
2		clay
8		sandy clay
16		sand & sandy clay
50		blue clay
95		rock
96		clay & rocks
124		sand & rocks
129		rock
131		clay
161		rock
166		sand
188		rock
189		sand
195		rock
196		sand

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☒ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 150 ft. to 200 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Plastic	0	200	Sch40
"	"	Screen mfg. 16°	180	200	" "

9) CEMENTING DATA (Rule 338.44(1))
Cemented from 0 ft. to 10 ft. No. of sacks used 1
ft. to ft. No. of sacks used
Method used
Cemented by Larry Deharde
Distance to septic system field lines or other concentrated contamination ? ft.
Method of verification of above distance None

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☒ Specified Steel Sleeve Installed (Rule 338.44(3)(A))
☐ Pitless Adapter Used (Rule 338.44(3)(b))
☐ Approved Alternative Procedure Used (Rule 338.44(5))

FILE NO. FILE ID SEQ # SEQ # DESC CO MAY 19 98 COMMENT

11) WATER LEVEL:
Static level 78 ft. below land surface Date 3/9/98
Artesian flow gpm Date

12) PACKERS:

Type	Depth
4 - sacks Hole Plug	140'-150'

13) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 140 ft.

14) WELL TESTS: Type test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 30 gpm with 160 ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Deharde Water Well Service (Type or print) WELL DRILLER'S LICENSE NO. 2328 WPK

ADDRESS 1075 Schuenemann Rd. (Street or RFD) Seguin (City) TX (State) 78155 (Zip)

(Signed) Larry Deharde (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0109 (Rev. 05-21-96) White - TNRCC Yellow - DRILLER Pink - WELL OWNER

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 45 **Distance from Property: 0.71 mi. S**

TRACK #: **541450**
DATE ENTERED: **2020-04-22**
OWNER NAME: **MATTHEW JANDT**
OWNER ADDRESS: **7667 E. IH 10**
SEGUIN, TX 78155
COUNTY: **GUADALUPE**
LATITUDE: **29.611111000** LONGITUDE: **-97.850444000**

WELL LOG:
DRILLING DATE (STARTED): **2020-04-14**
DRILLING DATE (COMPLETED): **2020-04-14**
DEPTH DRILLED: **143'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **2020-04-14**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 46 **Distance from Property: 0.72 mi. E**

ID NUMBER:	**TX238818**
STATE ID :	**67-18-8**
OWNER NAME:	**BRUCE PAPE**
DATE DRILLED:	**11/14/1995**
DEPTH DRILLED:	**270'**
STATIC LEVEL:	**114'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.822825000**
LATITUDE:	**29.637518000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238818

Send original copy by certified mail to: TNRCC, P.O. Bc 87, Austin, TX 78711-3087 — *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** Bruce Pape (Name) **ADDRESS** 981 Crossroads (Street or RFD) Kingsbury (City) TX (State) 78638 (Zip)

2) **ADDRESS OF WELL:** County Guadalupe Same (Street, RFD or other) (City) (State) (Zip) **GRID #** 67-18-8

3) **TYPE OF WORK (Check):** ■ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Monitor ☐ Environmental Soil Boring ■ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5)

6) **WELL LOG:**
Date Drilling: Started 11/13 19 95 Completed 11/14/95

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 1/8	Surface	270
7 7/8	"	218

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ■ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

N

From (ft.)	To (ft.)	Description and color of formation material
0	-	gravel
5	-	yellow clay
70	-	sandy clay
90	-	grey clay
120	-	blue clay
135	-	blue sand
150	-	blue clay
200	-	sand (fine)
217	-	clay
234	-	rock
236	-	clay & rocks
261	-	sandy clay & clay

(Use reverse side if necessary)

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8) **Borehole Completion (Check):** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ■ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 180 ft. to 220 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	Plastic	0	220	Sch40
"	"	Screen mfg. 20°	196	216	" "

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 1 ft. to 15 ft. No. of sacks used 1
ft. to ft. No. of sacks used
Method used
Cemented by Larry Deharde
Distance to septic system field lines or other concentrated contamination ft.
Method of verification of above distance none

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
■ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 114 ft. below land surface Date 11/14/95
Artesian flow gpm. Date

12) **PACKERS:**

Type	Depth
3-sacks hole plug	170'-180'

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ■ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 180 ft.

14) **WELL TESTS:**
Type test: ☐ Pump ☐ Bailer ■ Jetted ■ Estimated
Yield: 17 gpm with @220 ft. drawdown after hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ■ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ■ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Deharde Water Well Service (Type or print) **WELL DRILLER'S LICENSE NO.** 2328 WPK

ADDRESS Rt.5 Box 440 (Street or RFD) Seguin (City) TX (State) 78155 (Zip)

(Signed) Larry Deharde (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-01-94)

TNRCC COPY

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 56 **Distance from Property: 0.84 mi. E**

TRACK #: **497285**
DATE ENTERED: **2018-12-11**
OWNER NAME: **CHARLES HEIM**
OWNER ADDRESS: **1558 CROSSROADS**
KINGSBURY, TX 78638
COUNTY: **GUADALUPE**
LATITUDE: **29.629278000** LONGITUDE: **-97.820611000**

WELL LOG:
DRILLING DATE (STARTED): **2018-11-28**
DRILLING DATE (COMPLETED): **2018-11-29**
DEPTH DRILLED: **325'**

WATER LEVEL:
STATIC LEVEL: **135'**
WATER LEVEL DATE: **2018-11-29**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 47 **Distance from Property: 0.72 mi. SW**

TRACK #: **524986**
DATE ENTERED: **2019-10-23**
OWNER NAME: **CHARLES AND LISA RILEY**
OWNER ADDRESS: **P.O. BOX 506**
SEGUIN, TX 78156
COUNTY: **GUADALUPE**
LATITUDE: **29.613333000** LONGITUDE: **-97.859167000**

WELL LOG:
DRILLING DATE (STARTED): **2019-09-04**
DRILLING DATE (COMPLETED): **2019-09-05**
DEPTH DRILLED: **220'**

WATER LEVEL:
STATIC LEVEL: **51'**
WATER LEVEL DATE: **2019-09-04**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **HERBOLD DRILLING**
COMPANY ADDRESS: **6395 FM 467**
SEGUIN, TX 78155

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 48 **Distance from Property: 0.73 mi. S**

TRACK #: **296310**
DATE ENTERED: **2012-08-23**
OWNER NAME: **KEN HOLMES**
OWNER ADDRESS: **30720 C.R. 13**
DAMON, TX 77430
COUNTY: **GUADALUPE**
LATITUDE: **29.610834000** LONGITUDE: **-97.840000000**

WELL LOG:
DRILLING DATE (STARTED): **2012-08-16**
DRILLING DATE (COMPLETED): **2012-08-17**
DEPTH DRILLED: **220'**

WATER LEVEL:
STATIC LEVEL: **78'**
WATER LEVEL DATE: **2012-08-17**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 49 **Distance from Property: 0.76 mi. E**

ID NUMBER:	**TX238811**
STATE ID :	**67-18-8**
OWNER NAME:	**M. E. SIMPSON**
DATE DRILLED:	**04/24/1990**
DEPTH DRILLED:	**227'**
STATIC LEVEL:	**136'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.822056000**
LATITUDE:	**29.631797000**

2 PAGE(S) OF DRILLERS' LOGS

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 60 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
180	190	sandy blue clay
190	215	sand blue
215		blue clay

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238811

Send original copy by certified mail to: Texas Water Com ...n, P.O. Box 13087, Austin, Texas 78711 — 94 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas
WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER M.E. Simpson (Name) ADDRESS Box 38 (Street or RFD) Kingsbury (City) Tx. (State) 78638 (Zip)

2) LOCATION OF WELL: County Guadalupe, 1 miles in SE (NE, SW, etc.) direction from Kingsbury (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ SEE ATTACHED MAP #7. On 67-25-4

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 4-23 1990 Completed 4-24 1990

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
5 7/8	Surface	227
7 7/8	"	210
8 3/4	"	15

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from 160 ft. to 210 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	3	gravel
3	7	red clay
7	18	sandy clay
18	50	sand, fine with
50	85	grey clay
85	110	hard (tight)
110	133	sandy clay
133	134	rock
134	160	sandy clay & sand
160	180	blue clay & lignite

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	Plastic	0	210	sch 40
11	N	Screen Mfg.	190	210	"

9) CEMENTING DATA (Rule 287.44(1))
Cemented from 0 ft. to 15 ft. No. of Sacks Used 1
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by Larry DeHarde

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

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JUN 15 1990
TEXAS WATER COMMISSION

10) SURFACE COMPLETION
☑ Specified Surface Slab Installed (Rule 287.44(2)(A))
☐ Pitless Adapter Used (Rule 287.44(3)(B))
☐ Approved Alternative Procedure Used (Rule 287.71)

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 12 gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 136 ft. below land surface Date 4-24-90
Artesian flow _____ gpm. Date _____

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS:

Type	Depth
mud	150-160

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME DEHARDE'S WATER WELL SERV. (Type or print) WELL DRILLER'S LICENSE NO. 2328

ADDRESS Rt 5 Box 440 (Street or RFD) SEGUIN (City) Tx. (State) 78155 (Zip)

(Signed) Larry DeHarde (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 67-18-8 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 50 **Distance from Property: 0.77 mi. SW**

TRACK #: **198439**
DATE ENTERED: **2009-11-06**
OWNER NAME: **STEVE HOLLINGSHEAD**
OWNER ADDRESS: **548 WILLIAM RANCH RD**
SEGUIN, TX 78155
COUNTY: **GUADALUPE**
LATITUDE: **29.615556000** LONGITUDE: **-97.864445000**

WELL LOG:
DRILLING DATE (STARTED): **2006-06-27**
DRILLING DATE (COMPLETED): **2006-06-27**
DEPTH DRILLED: **200'**

WATER LEVEL:
STATIC LEVEL: **75'**
WATER LEVEL DATE: **2006-06-27**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN ROAD**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 51 **Distance from Property: 0.79 mi. NNE**

ID NUMBER:	**TX238806**
STATE ID :	**67-18-7D**
OWNER NAME:	**AUGUST GLENWINKLE III**
DATE DRILLED:	**07/14/1973**
DEPTH DRILLED:	**244'**
STATIC LEVEL:	**130'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.828983000**
LATITUDE:	**29.649429000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238806

7D

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 67-1R-7D
Located on map yes
Received: 7-7-73
dlc

1) OWNER:
Person having well drilled August Glenwinkle III (Name) Address 11 (Street or RFD) Kingsbury, Tex (City) (State)
Landowner (Name) Address (Street or RFD) 11 (City) (State)

2) LOCATION OF WELL:
County Guadalupe miles in (N.E., S.W., etc.) direction from (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*
250 ft N. W. Kingsbury Postoffice
North ↑
(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.
Labor League
Block Survey
Abstract No.
(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well X Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic X Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary X Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 7 7/8 in. Depth drilled 344 ft. Depth of completed well 345 ft. Date drilled 7-14-73
All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	15	Gravel
15	45	Yellow clay
45	137	Blue Shale
137	159	sand
159	200	Blue Shale
200	244	sand.

(Use reverse side if necessary)

9) Casing:
Type: Old New X Steel Plastic X Other
Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4	0	245	

10) SCREEN:
Type
Perforated X Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
4	201	345	

7) COMPLETION (Check):
Straight wall Gravel packed X Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 130 ft. below land surface Date
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc.. ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No X If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No X
Did any strata contain undesirable water? Yes No X
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME ALFRED BROWN (Type or Print) Water Well Drillers Registration No. 310

ADDRESS P.O. Box 42 (Street or RFD) (City) Kingsbury (State) Tex. 78638

(Signed) Alfred Brown (Water Well Driller) Alfred Brown Waterwell Dilg + Service (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB1-WDR

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 52 **Distance from Property: 0.82 mi. S**

TRACK #: **493027**
DATE ENTERED: **2018-10-11**
OWNER NAME: **GST HOLDINGS LLC**
OWNER ADDRESS: **929 W SUNSET BLVD SUITE # 21-502**
ST. GEORGE, UT 84770
COUNTY: **GUADALUPE**
LATITUDE: **29.609556000** LONGITUDE: **-97.835833000**

WELL LOG:
DRILLING DATE (STARTED): **2018-09-17**
DRILLING DATE (COMPLETED): **2018-09-18**
DEPTH DRILLED: **220'**

WATER LEVEL:
STATIC LEVEL: **80'**
WATER LEVEL DATE: **2018-09-18**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 53 **Distance from Property: 0.82 mi. NE**

TRACK #: **335179**
DATE ENTERED: **2013-08-15**
OWNER NAME: **MARK LORENZ**
OWNER ADDRESS: **PO BOX 4**
KINGSBURY, TX 78638
COUNTY: **GUADALUPE**
LATITUDE: **29.648889000** LONGITUDE: **-97.826944000**

WELL LOG:
DRILLING DATE (STARTED): **2009-09-16**
DRILLING DATE (COMPLETED): **2009-09-16**
DEPTH DRILLED: **240'**

WATER LEVEL:
STATIC LEVEL: **112'**
WATER LEVEL DATE: **2009-09-16**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **NOT REPORTED**
COMPANY ADDRESS: **NOT REPORTED**
NOT REPORTED

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 54 **Distance from Property: 0.82 mi. SE**

ID NUMBER:	**TX238820**
STATE ID :	**67-26-2**
OWNER NAME:	**SILVER WOLF RANCH**
DATE DRILLED:	**02/03/2003**
DEPTH DRILLED:	**280'**
STATIC LEVEL:	**66'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.825221000**
LATITUDE:	**29.612603000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238820

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation
Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Silver Wolf Ranch	900 Savage Ranch Rd	Seguin	TX	78155

2) WELL LOCATION

County	Physical Address	City	State	Zip
Guadalupe 94	Same As Above			

Lat. | Long. | Grid # 67-26-2

3) Type of Work: ☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☒ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) NT

6) Drilling Date
Started 2 / 3 / 03
Completed 2 / 3 / 03

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
6 1/2	0	280
8 3/4	Reamed	272

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
0		sandy clay & clay
80		rock
81		sandy blue clay
138		rocks & sand
155		clay
180		sandy clay & rocks
187		clay
230		rock
242		sand
265		rocks & sand / 272 - clay

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☒ Gravel Packed ☐ Other
If Gravel Packed give the interval from 220 ft. to 270 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing	Gage Screen
5	N	Plastic	0	272	SDR21	
"	"	screen Mfg. .020	247	267		" "

9) Cementing Data
Cementing from 0 ft. to 10 ft. # of sacks used 1
ft. to ft. # of sacks used
Method Used
Cementing By Larry Deharde
Distance to septic system field or other concentrated contamination ? ft.
Method of verification of above distance none

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: | Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion AR
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed 2/03
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc. 180 ft.

11) Water Level
Static level 66 ft. below Date 2 / 3 / 03
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 100 gpm with @180 ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents,
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☒ No

12) Packers

Type	Depth
4 - Sacks Hole Plug	210'-220'

Company or individual's Name (type or print)	Deharde Water Well Service	Lic. No.	2328 WPK
Address 1075 Schuenemann Rd	City Seguin	State TX	Zip 78155

Signature Licensed Driller/Pump Installer	Date	Signature Apprentice	Date
Larry Deharde	2 / 26 / 03		/ /

TDLR FORM 6001WWD — White - TDLR — Yellow - Owner — Pink - Driller/Pump Installer

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 55 **Distance from Property: 0.83 mi. SSE**

ID NUMBER:	**TX238825**
STATE ID :	**67-26-2**
OWNER NAME:	**SILVER WOLF RANCH**
DATE DRILLED:	**02/20/1998**
DEPTH DRILLED:	**290'**
STATIC LEVEL:	**90'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.829289000**
LATITUDE:	**29.610212000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238825

*Send original copy by certified return receipt requested ma... TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-308.

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Silver Wolf Ranch (Name) ADDRESS 900 Savage Seguin, Tx. 78155 (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County Guadalupe 900 Savage Seguin, Tx. 78155 (Street, RFD or other) (City) (State) (Zip) GRID # 67-26-2.

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) ⊗ N

6) WELL LOG:
Date Drilling: Started 2-19 19 98 Completed 2-20 19 98

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
9	Surface	290.

7) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	3	Fl. Rock
3	130	Clay
130	140	T Sand
140	160	Sand
160	170	Shale
170	172	Rock
172	181	Shale
181	200	Sand
200	201	Shale
201	205	Rock
205	220	T Sand Str.
220	240	Good Strs.
240	260	Shale
260	265	Sand
265	270	Shale
270	274	Sand.
274	285	Shale
285	290	Sand
290		Rock

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 110. ft. to 290 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	PVC.	0	290	
		PVC Screen.	250	290	20 Ga.

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 10 ft. No. of sacks used 3
ft. to ft. No. of sacks used
Method used SLF
Cemented by Herbold Bros Drilling.
Distance to septic system field lines or other concentrated contamination ft.
Method of verification of above distance NO SEPTIC.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 90. ft. below land surface Date 2-21-98.
Artesian flow gpm. Date

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., 180. ft.

14) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 40 gpm with 0 ft. drawdown after 1 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ☑ No

FILE ID
EMP #
APR 21 1998
COMMENT
USGS CO
SCD #
TEMP

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Herbold Brothers (Type or print) WELL DRILLER'S LICENSE NO. 4070 IW

ADDRESS 6895 F.M. 467 (Street or RFD) Seguin (City) Tx. 78155 (State) (Zip)

(Signed) (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) White - TNRCC Yellow - DRILLER Pink - WELL OWNER

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 57 **Distance from Property: 0.87 mi. NW**

STATE ID:	**67-18-704**
OWNER'S NAME:	**H.W. WURZBACH**
DATE DRILLED:	**00/00/1930**
DEPTH DRILLED:	**2139'**
WATER USAGE:	
LONGITUDE:	**-97.857223000**
LATITUDE:	**29.641945000**
SOURCE:	**TWDB**

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 58 **Distance from Property: 0.88 mi. E**

TRACK #: **464868**
DATE ENTERED: **2017-11-14**
OWNER NAME: **GLENN & NANCY SEILER**
OWNER ADDRESS: **1648 CROSSROADS**
KINGSBURY, TX 78638
COUNTY: **GUADALUPE**
LATITUDE: **29.628167000** LONGITUDE: **-97.820000000**

WELL LOG:
DRILLING DATE (STARTED): **2017-11-06**
DRILLING DATE (COMPLETED): **2017-11-07**
DEPTH DRILLED: **320'**

WATER LEVEL:
STATIC LEVEL: **126'**
WATER LEVEL DATE: **2017-11-07**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 59 **Distance from Property: 0.89 mi. SE**

ID NUMBER:	**TX238824**
STATE ID :	**67-26-2**
OWNER NAME:	**WOLF RANCH**
DATE DRILLED:	**08/13/1997**
DEPTH DRILLED:	**350'**
STATIC LEVEL:	**90'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.823570000**
LATITUDE:	**29.612644000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238824

Send original copy by certified return receipt requested mail to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER (Name) Wolf Ranch. ADDRESS (Street or RFD) 900 Savage Rd. (City) Seguin (State) Tx. (Zip) 78155

2) ADDRESS OF WELL: County Guadalupe (Street, RFD or other) 900 Savage Rd. Seguin Tx. 78155 (City) (State) (Zip) GRID # 62-26-2.

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) 8

6) WELL LOG:
Date Drilling: Started 8/12 19 97 Completed 8/12 19 97

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
9 7/8	Surface	350.

7) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Bored ☐ Air Rotary ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	3	Flint Rock
3	100	R. Clay
100	150	B. Shale
150	155	T Sand
155	178	Shale
178	180	Sand
180	187	Shale
187	191	Sand
191	210	Shale
210	218	Sand
218	245	Shale
245	265	L. Shale
265	267	Rock
267	295	Sand
295	300	Shale
300	316	Shale
316	320	Rock
320	350	Shale

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 100 ft. to 350 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	PVC.	0.	350.	
		Slotted	310	350	20THK

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 10. ft. No. of sacks used 4
ft. to ft. No. of sacks used
Method used Self Mix
Cemented by Hercules Bros. Drilling
Distance to septic system field lines or other concentrated contamination ft.
Method of ventication of above distance NO Sept. FILE ID SEQ #

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 338.44(2)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☑ Approved Alternative Procedure Used [Rule 338.71]
FILE # NOV 05 1997 DESC CO CONCERNS CK

11) WATER LEVEL:
Static level 90 ft. below land surface Date 8-14-97
Artesian flow gpm. Date

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other NO Pump.
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 40 gpm with 10 ft. drawdown after 1. hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Herbold Brothers (Type or print) WELL DRILLER'S LICENSE NO. 4070 I W

ADDRESS 6395 F.M. 467 Seguin, Tx. 78155 (Street or RFD) (City) (State) (Zip)

(Signed) (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

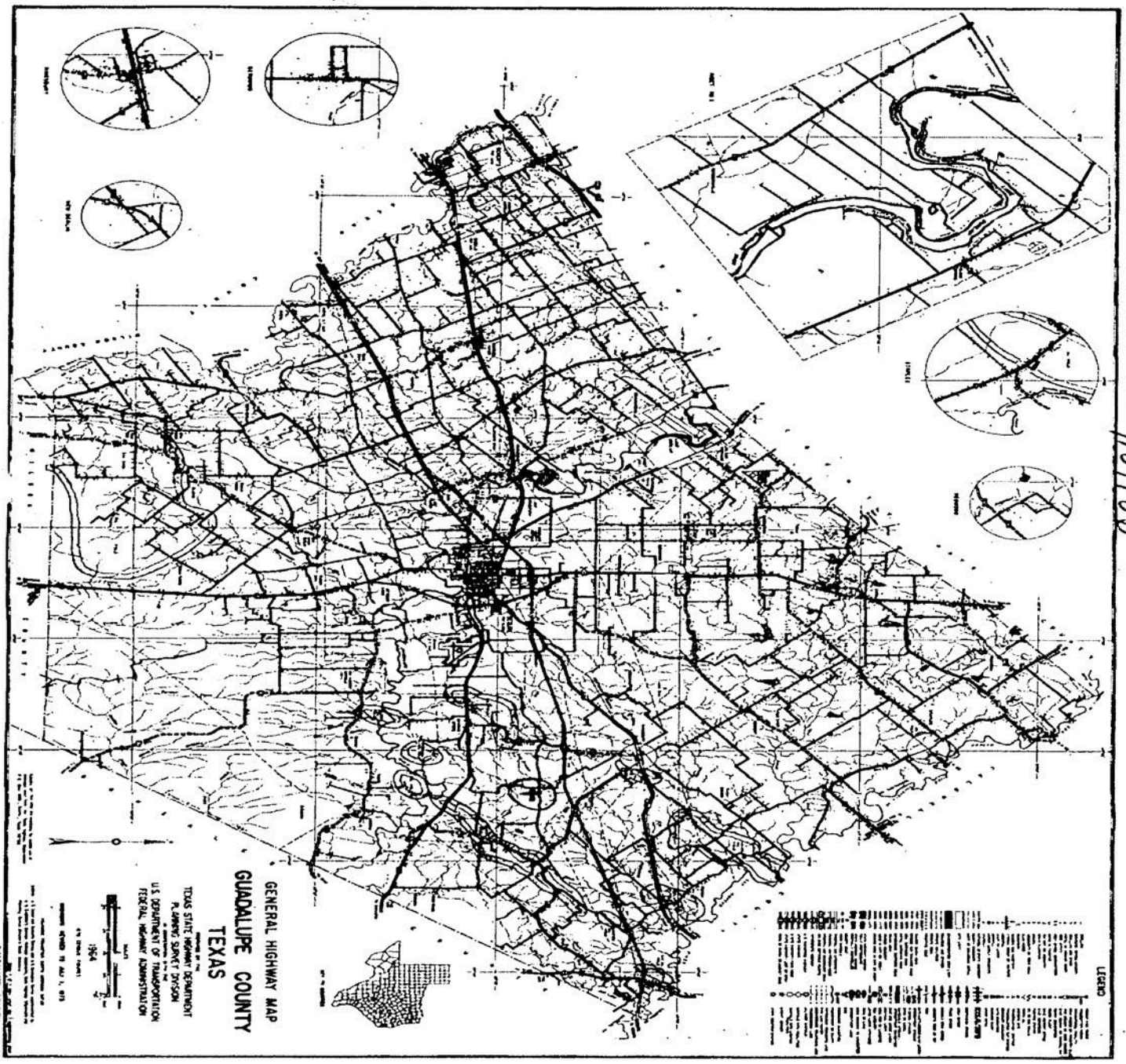
TNRCC-0199 (Rev. 05-21-96) White - TNRCC Yellow - DRILLER Pink - WELL OWNER

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 60 **Distance from Property: 0.91 mi. S**

ID NUMBER:	**TX238826**
STATE ID :	**67-26-2E**
OWNER NAME:	**HOLLUB PRODUCTION CO**
DATE DRILLED:	**10/05/1977**
DEPTH DRILLED:	**410'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.836411000**
LATITUDE:	**29.608202000**

2 PAGE(S) OF DRILLERS' LOGS



HOLUB

67-26-2E

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238826

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 67-26-2E
Located on map
Received: 78 4 25

1) OWNER:
Person having well drilled HOLLUB PRODUCTION CO (Name) Address 110 CHAPARRAL DR. SEGUIN TEXAS (Street or RFD) (City) (State)

Landowner SAME (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County GUADALUPE 4 miles in SE (N.E., S.W., etc.) direction from KINGSBURY (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* (Use reverse side if necessary)

North ↑

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 7⅞ in. Depth drilled 410 ft. Depth of completed well 410 ft. Date drilled 10-5-77
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	1	SAND
1	60	GRAY CLAY
60	75	SAND & GRAVEL
75	86	FINE GRAY SAND
86	165	GRAY SHALE W/ SAND STKS
165	175	FINE GRAY SAND
175	244	SHALE w/ SAND STKS
244	256	HARD SAND
256	302	GRAY SHALE
302	325	FINE GRAY SAND
325	345	GRAY SHALE
345	410	FINE GRAY SAND w/ SHALE STKS

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
5	0	410	

10) SCREEN:
Type _____
Perforated Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
5	310	410	

7) COMPLETION (Check):
Straight wall Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No.
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME RALPH HUDGENS (Type or Print) Water Well Drillers Registration No. 1347

ADDRESS PO BOX 163 (Street or RFD) SEGUIN (City) TEXAS 78155 (State)

(Signed) _____ (Water Well Driller) HUDGENS DRLG. CO (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-1 WDR

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 61 **Distance from Property: 0.92 mi. N**

TRACK #: **470431**
DATE ENTERED: **2018-02-08**
OWNER NAME: **ELLEY & JUBELA**
OWNER ADDRESS: **477 GRAVEL PIT ROAD**
KINGSBURY, TX 78638
COUNTY: **GUADALUPE**
LATITUDE: **29.652528000** LONGITUDE: **-97.834361000**

WELL LOG:
DRILLING DATE (STARTED): **2018-01-04**
DRILLING DATE (COMPLETED): **2018-01-05**
DEPTH DRILLED: **250'**

WATER LEVEL:
STATIC LEVEL: **130'**
WATER LEVEL DATE: **2018-01-05**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 62 **Distance from Property: 0.92 mi. S**

STATE ID:	**67-26-101**
OWNER'S NAME:	**N.A. WUNDT WELL 1**
DATE DRILLED:	**NOT REPORTED**
DEPTH DRILLED:	**2493'**
WATER USAGE:	
LONGITUDE:	**-97.834167000**
LATITUDE:	**29.608056000**
SOURCE:	**TWDB**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 67 26 101 Previous Well Number - Q-39 County - Guadalupe 187
River Basin - Guadalupe River - 18 Zone - 2 Latitude - 29 36 29 Longitude - 97 50 03 Source of Coords - 4

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - N.A. Wundt well 1 Driller - Jas N. Eddy

Address _____ Tenant/Oper. _____
Date Drilled - / / Depth - 2,493 ft. Source of Depth - L Altitude - 512 ft. Source of Alt. - M
Aquifer - NOT-APPL AQUIFER CODE IS NOT APPLICABLE TO THIS WELL Well Type - P User -

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

LIFT DATA - Pump Mfr. _____ Type - _____ No. Stages _____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- _____ Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- E Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
Oil test.

Aquifer - NOT-APPL
Well No. - 67 26 101

CROSS REFERENCE SHEET

Name or Subject: CR-GWTD
GUADALUPE Located Well Data
KK 67-26-101

Date

Regarding: Electric Log

SEE

Name or Subject: GW-SC
ELECTRIC LOG FILE Q-39

B-152(62-1)

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 63 **Distance from Property: 0.93 mi. NNE**

TRACK #: **400473**
DATE ENTERED: **2015-07-28**
OWNER NAME: **KEVIN REIGER**
OWNER ADDRESS: **P.O. BOX 31**
KINGSBURY, TX 78638
COUNTY: **GUADALUPE**
LATITUDE: **29.652223000** LONGITUDE: **-97.831111000**

WELL LOG:
DRILLING DATE (STARTED): **2015-07-16**
DRILLING DATE (COMPLETED): **2015-07-16**
DEPTH DRILLED: **240'**

WATER LEVEL:
STATIC LEVEL: **120'**
WATER LEVEL DATE: **2015-07-16**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD**
SEGUIN, TX 78155

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 64 **Distance from Property: 0.93 mi. E**

ID NUMBER:	**TX238823**
STATE ID :	**67-26-2C**
OWNER NAME:	**LESLIE BAKER**
DATE DRILLED:	**03/17/1971**
DEPTH DRILLED:	**330'**
STATIC LEVEL:	**95'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.819087000**
LATITUDE:	**29.624695000**

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238823

GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. [illegible]-26-2C
Located on map [illegible]
Received: [illegible]
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled: Leslie Baker (Name) Address: (Street or RFD) Kingsbury (City), Tex (State)

Landowner: Leslie Baker (Name) Address: (Street or RFD) Kingsbury (City), Tex. (State)

2) LOCATION OF WELL:
County: Guadalupe Labor: League: Abstract No.:

NW¼ NE¼ SW¼ SE¼ of Section: Block No.: Survey:
(Circle as many apply)

miles in 3 (NE, SW, etc.) direction from Kingsbury, Tex. (Town)

NORTH

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6 5/8 in. Depth drilled 330 ft. Depth of completed well 330 ft. Date drilled 3/17/71
All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	56	yellow clay
56	90	blue shale
90	134	brown shale
134	136	sand
136	150	shale
50	156	sand
156	165	shale sand sticky
165	170	rock
170	220	shale sand streaks
220	224	rock
224	330	rock shale sand

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☒ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 95 ft. below land surface Date 3/19/71
Artesian pressure ____ lbs. per square inch Date ____

9) CASING:
Type: old ☐ New ☒ Steel ☐ Plastic ☒ Other ☐
Cemented from ____ ft. to ____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	330	

10) SCREEN:
Type ____
Perforated ☒ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
4	310	330	

11) WELL TESTS:
Was a pump test made? ☐ Yes ☒ No If yes by whom?
Yield: ____ gpm with ____ ft. drawdown after ____ hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date ____
Temperature of water ____
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☒ No
Type of water? ____ depth of strata ____

12) PUMP DATA:
Manufacturer's Name Aermotor
Type Sub. H.P. 3/4
Designed pumping rate ____ gpm ☐ gph ☐
Type power unit ____
Depth to bowls, cylinder, jet, etc., 240 ft. below land surface.

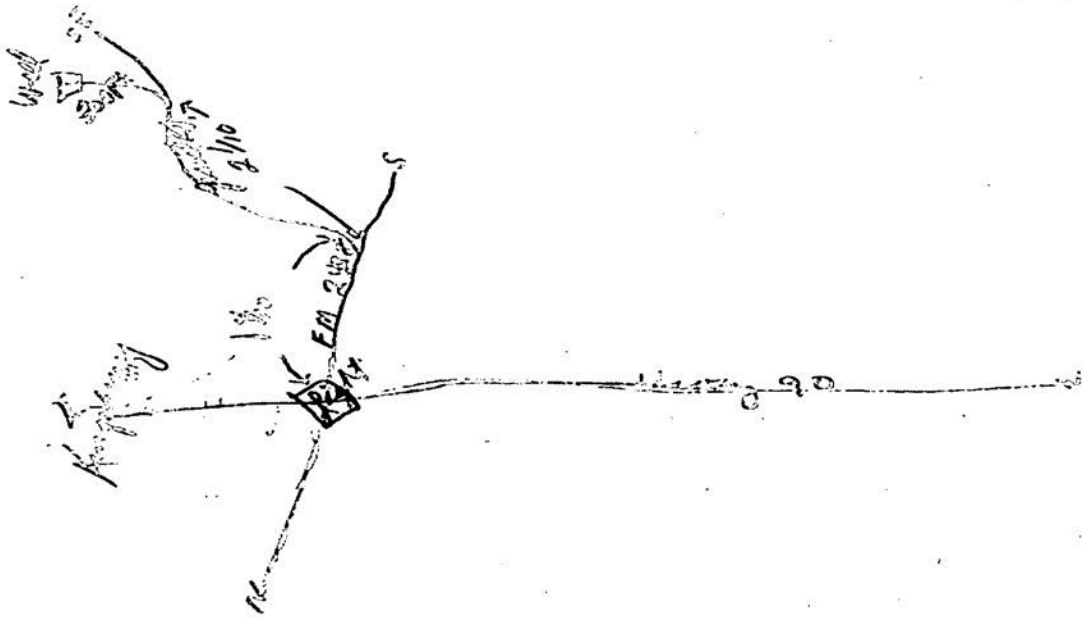
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME: Alfred Brown (Type or Print) Water Well Drillers Registration No. 310

Address: P. O. Box 42 Kingsbury (City) Tex. (State)

(Signed) Alfred Brown (Water Well Driller) Alfred Brown Waterwell Drlg. & Service (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 65 **Distance from Property: 0.93 mi. E**

ID NUMBER:	**TX238817**
STATE ID :	**64-18-8L**
OWNER NAME:	**JOHN MARSHALL**
DATE DRILLED:	**12/10/1973**
DEPTH DRILLED:	**283'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.819237000**
LATITUDE:	**29.631390000**

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238817

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 67-18-8L
Located on map Yes
Received: 2-4
dk

1) OWNER:
Person having well drilled JOHN MARSHALL (Name) Address P.O. BOX 7 (Street or RFD) SEGUIN (City) TEXAS (State)
Landowner SAME (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County GUADALUPE 1.6 miles in SE (Dir., S.W., etc.) direction from KINGSBURY (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* (Use reverse side if necessary)

North ↑

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 295 ft. Depth of completed well 285 ft. Date drilled 12-16-7?
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	1	SAND
1	3	GRAVEL
3	24	GRAY CLAY
24	112	GRAY SHALE w/ SAND STR
112	115	HARD SAND
115	147	GRAY SAND
147	150	HARD SAND
150	170	GRAY SHALE
170	227	GRAY SAND w/ SHALE STR
227	254	GRAY SAND
254	257	HARD SAND
257	295	GRAY SHALE

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4	0	285	175

10) SCREEN:
Type _____
Perforated Slotted ✓

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
4"	230	260	

7) COMPLETION (Check): Straight wall Gravel packed Other Under reamed Open Hole

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

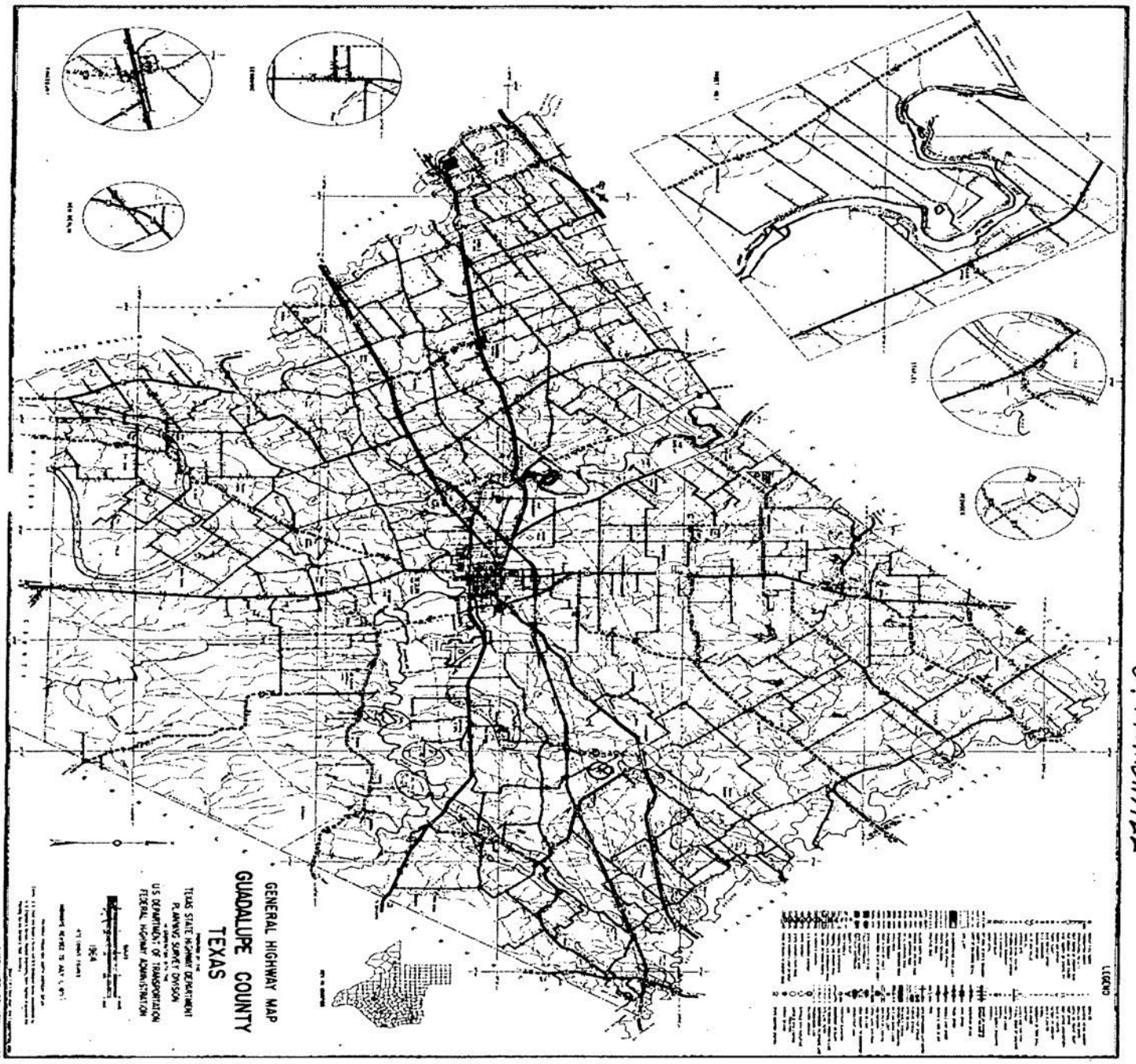
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME RALPH HUDGENS (Type or Print) Water Well Drillers Registration No. 1347
ADDRESS P.O. Box 163 (Street or RFD) SEGUIN (City) TEXAS (State)
(Signed) R. Ralph Hudgens (Water Well Driller) HUDGENS DRG. CO. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB8-WD6


GENERAL HIGHWAY MAP
GUADALUPE COUNTY
TEXAS
TEXAS STATE HIGHWAY DEPARTMENT
PLANNING SURVEY DIVISION
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1954
LEGEND
GUADALUPE COUNTY

J. MARSHALL

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 66 **Distance from Property: 0.95 mi. NW**

ID NUMBER:	**TX238796**
STATE ID :	**67-18-7**
OWNER NAME:	**LYNN TATE**
DATE DRILLED:	**01/13/1983**
DEPTH DRILLED:	**140'**
STATIC LEVEL:	**40'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-97.859786000**
LATITUDE:	**29.641526000**

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 238796

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

State of Texas
WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Lynn Tate (Name) ADDRESS Rt 1 Box 418A (Street or RFD) Mc Queeny (City) Tx (State) 78123 (Zip)

2) LOCATION OF WELL: County Guadalupe 13 miles in East (NE, SW, etc.) direction from Seguin (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 1-12- 19 93 Completed 1-13- 19 93

DIAMETER OF HOLE	Dia. (in.)	From (ft.)	To (ft.)
	7 7/8	Surface	140

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 20 ft. to 140 ft.

From (ft.)	To (ft.)	Description and color of formation material
1	4	Flint Rock
4	20	clay 132-BF Rock
20	40	Sand 138-140 Shale
40	44	B Shale.
44	47	Rock
47	80	Shale.
80	100	Sand Streaks
100	120	Coarse Sand
120	123	Rock.
123	140	Sand.

(Use reverse side if necessary)

RECEIVED
MAR 09 1993
TEXAS WATER COMMISSION

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4			0	140	Johnson

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 4
ft. to ft. No. of Sacks Used
Method used SPF
Cemented by Hensley Bro.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☑ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 40 ft. below land surface Date 1-16-93
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 100 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 30 gpm with 10 ft. drawdown after 1 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Hensley Bro Drilling (Type or print) WELL DRILLER'S LICENSE NO. 1139.

ADDRESS Rt 3 Box 822. (Street or RFD) Seguin (City) Tx (State) 78155 (Zip)

(Signed) Roland Hudd (Licensed Well Driller)

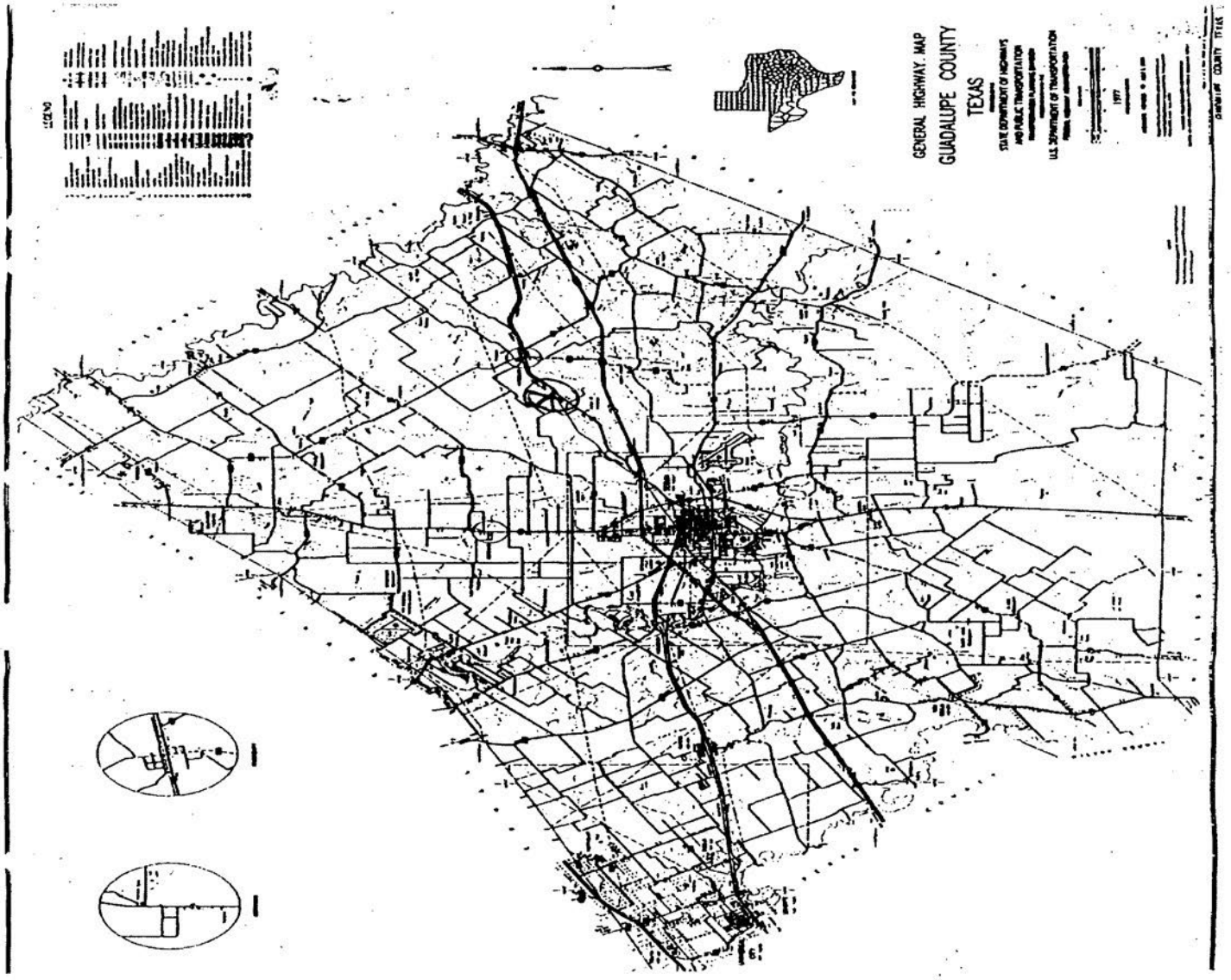
(Signed) Steve Nelson (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 67-18-7

TWC-0199 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY



ALL MAY

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 67 **Distance from Property: 0.96 mi. ENE**

TRACK #: **272252**
DATE ENTERED: **2011-11-21**
OWNER NAME: **EMERALD BAY ENERGY INC.**
OWNER ADDRESS: **705 CTY RD. 646**
HONDO, TX 78861
COUNTY: **GUADALUPE**
LATITUDE: **29.643056000** LONGITUDE: **-97.819444000**

WELL LOG:
DRILLING DATE (STARTED): **2011-10-18**
DRILLING DATE (COMPLETED): **S2011-10-1**
DEPTH DRILLED: **240'**

WATER LEVEL:
STATIC LEVEL: **68'**
WATER LEVEL DATE: **2011-10-19**
TYPE OF WATER: **GOOD**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
RIG SUPPLY

COMPANY INFORMATION:
COMPANY NAME: **EVANS DRILLING**
COMPANY ADDRESS: **PO BOX 924**
BELMONT, TX 78604

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 68 **Distance from Property: 0.99 mi. NNE**

STATE ID:	**67-18-806**
OWNER'S NAME:	**CRYSTAL CLEAR WSC KINGSBURY WELL**
DATE DRILLED:	**11/11/1974**
DEPTH DRILLED:	**285'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-97.828611000**
LATITUDE:	**29.652501000**
SOURCE:	**TWDB**

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Wk | Field No. | State Well No. 67-18-806

Owner's Well No. | County Guadalupe

1. Location: 1/4, 1/4 Sec., Block, Survey SL 1.75 - WL 2.8 In Kingsbury, Texas

* Owner: Crystal Clear Water Supply Address: PO Box 505 Kingsbury, Texas

Tenant: Address:

Driller: Charles L. Behrens Drlg. Co. Address: Rt. 2, Box 242F, Seguin, Texas 78155

3. Elevation of LAND SURFACE is 610 ft. above msl, determined by Kingsbury TX Quad

4. Drilled: Nov 11 19 74; Dug, Cable Tool, (Rotary) 7 7/8" Hole

5. Depth: Rept. 285 ft. Meas. ft.

6. Completion: Open Hole, Straight Wall, Underreamed, (Gravel Packed) 2 1/2 x 1/4"

7. Pump: Mfgr. Type Submo

No. Stages, Bowls Diam. in., Setting ft.

Column Diam. in., Length Tailpipe ft.

8. Motor: Fuel Elec Make & Model HP. 5

9. Yield: Flow gpm, Pump gpm, Meas., Rept., Est.

10. Performance Test: Date 11-11-74 Length of Test 6 Made by C.L. Behrens

Static Level 132 ft. Pumping Level 180 ft. Drawdown 48 ft.

Production 40 gpm Specific Capacity gpm/ft.

CASING & BLANK PIPE Cemented From 17 ft. to +7" ft.

Diam. (in.)	Type	Setting, ft. from	to
5	Plastic	+1.6	254

11. Water Level: 132 ft. rept. Nov 11 1974 above/below which is ft. above/below surface.

ft. rept. meas. 19 above/below which is ft. above/below surface.

ft. rept. meas. 19 above/below which is ft. above/below surface.

ft. rept. meas. 19 above/below which is ft. above/below surface.

12. Use: Dom., Stock, Public Supply, Ind., (Irr.), Waterflooding, Observation, Not Used,

13. Quality: (Remarks on taste, odor, color, etc.)

Temp. °F, Date sampled for analysis Laboratory

Temp. °F, Date sampled for analysis Laboratory

Temp. °F, Date sampled for analysis Laboratory

14. Other data available as circled: (Driller's Log) Radioactivity Log, Electric Log, Formation Samples, Pumping Test,

15. Record by: Bill Ogle Date 10 1976

Source of Data

16. Remarks:

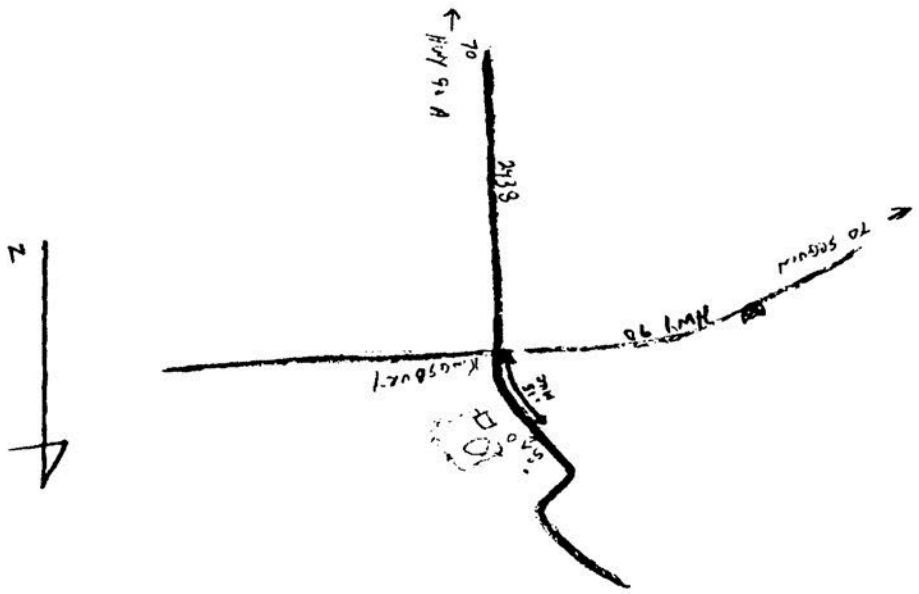
* Contact Garland Powers, JR 512-379-2299 in Seguin for information (Never seen at Well as it never at home

WELL SCREEN Screen Openings Slotted

Diam. (in.)	Type	Setting, ft. from	to
5	Plastic	196	206
5	Plastic	224	254

TWDBE-WD-2 (Sketch)

67-18-806



From (ft.)	To (ft.)	Description and color of formation material
0	12	gravel
12	50	Yellow clay
50	87	Gray clay
87	151	Blue clay
151	159	Blue Rock
159	206	Course blue Sand
206	223	Blue Sandy clay
223	256	Fine blue Sand
256	285	Blue Clay

2002FY TWDB Water Quality Field Data Sheet

State Well Number: 6718806
County: Guadalupe
County Code: 187
Aquifer Code: 124WLCX
Aquifer Id: 10

Name: Crystal Clear WSC
Address: 2370 FM 1979
San Marcos, TX 78666
Phone Number: 830-372-1031
Attention: Robert Wyly
Well Name or #: Kingsbury Well

Sample ID Number: 644
Date: 3/11/02
Sampler(s): D. Rau

CIRCLE EACH SAMPLE FRACTION COLLECTED:				
(1)	(2)	(3)	(4)	5
500ml (filtered) **Anions / Total Alk.** Ice	500ml (filtered) **Cations** Nitric (HNO3)	250ml (filtered) **Nitrate** Ice + H2SO4	40 ml (unfiltered) **Atrazine** Ice and in dark	1L (unfiltered) **Radioactivity** Nitric (HNO3)
Proper preservation requires adding enough of the correct acid to each sample fraction to bring the pH below 2.0.				

Calibration Verification Readings		
pH	7.00	7.09
	4 or 10	9.98
SLP = 58.4		
Conductivity	500	498
	1000	1008
	2000	1.95×10^3
	5000	4.95×10^3

7.36

Time In: 8:30
Time Out: 9:30

W. L. depth from LSD (ft.): -115.10
W.L. remark:
M.P. = +1.00

Pumping Since: 8:47
Sampling Point: PVC pipe @ ST

Well Use: P
Lift: S
Power: E

FIELD G.P.S. readings
Latitude: 29 39 07
Longitude: 97 49 43

Sample Time: 9:10
Filter pressure: hand pump (line)

Field Alkalinity Titration:

6.89	Start pH	4.49 End pH
50.0	mL Sample Size	
	mL Acid added for Phenol (> 8.3)	
15.8	mL Acid added for Total (8.3 - 4.5)	

Items below calculated from: mL acid added x 20 = Alkalinity

Phenol Alkalinity (82244): mg/L
Total Alkalinity (39086): 316.0 mg/L

Items Below Calculated Later From Results:
Dissolved Solids (mg/L): 695
Hardness (as CaCO3): 285
Balanced: ✓

Water Quality Stabilization Parameters Table (at least 3 readings at five minute intervals)

Time:	8:50	8:55	9:00	9:05			
pH:	6.61	6.76	6.79	6.80			
Celcius Temp. (00010)	23.7	23.8	23.8	23.8			
Conductivity (uS/cm):	1121	1132	1132	1132			

Notes: No previous WQ
MP = +1.00
Will be put back on line pretty soon.

Data Entered By Sampler Into Database. (yes) no

y:\EMon\Grndwat WaterQuality\WQF rtsDataSheet2002.
ab

Final Analysis Report

LCRA Environmental Laboratory Services

Date: 08-Apr-02

CLIENT: Texas Water Development Board
Client Sample ID: 67-18-806
Lab Order: 0203174 **File No:** 19095
Project: TWDB FY02
Collection Date: 03/11/2002 9:10:00 AM
Lab ID: 0203174-01
Matrix: GROUNDWATER

Analyses	Storet	Result	PQL	Qual	Units	DF	BatchID	Date Analyzed
ICP METALS DISSOLVED			E200.7					Analyst: **MLP**
Calcium		84.2	0.20		mg/L	1	R13267A	03/21/2002 5:18:37 PM
Magnesium		18.8	0.20		mg/L	1	R13267A	03/21/2002 5:18:37 PM
Potassium		7.23	0.20		mg/L	1	R13267A	03/21/2002 5:18:37 PM
Sodium		130	0.71		mg/L	1	R13336A	03/26/2002 5:14:38 PM
ICP METALS DISSOLVED			E200.7					Analyst: **MLP**
Boron		463	50		µg/L	1	R13289A	03/21/2002 5:18:37 PM
Iron		350	50		µg/L	1	R13289A	03/21/2002 5:18:37 PM
Strontium		718	20		µg/L	1	R13289A	03/21/2002 5:18:37 PM
ICPMS DISSOLVED METALS			E200.8					Analyst: **SW**
Aluminum		ND	4.00		µg/L	1	R13325A	03/26/2002
Antimony		ND	1.00		µg/L	1	R13325A	03/26/2002
Arsenic		ND	2.00		µg/L	1	R13325A	03/26/2002
Barium		39.6	1.00		µg/L	1	R13325A	03/26/2002
Beryllium		ND	1.00		µg/L	1	R13325A	03/26/2002
Cadmium		ND	1.00		µg/L	1	R13325A	03/26/2002
Chromium		ND	1.00		µg/L	1	R13325A	03/26/2002
Cobalt		ND	1.00		µg/L	1	R13325A	03/26/2002
Copper		3.62	1.00		µg/L	1	R13325A	03/26/2002
Lead		ND	1.00		µg/L	1	R13325A	03/26/2002
Lithium		87.5	2.00		µg/L	1	R13325A	03/26/2002
Manganese		378	1.00		µg/L	1	R13325A	03/26/2002
Molybdenum		ND	1.00		µg/L	1	R13325A	03/26/2002
Nickel		1.51	1.00		µg/L	1	R13325A	03/26/2002
Selenium		ND	4.00		µg/L	1	R13325A	03/26/2002
Thallium		ND	1.00		µg/L	1	R13325A	03/26/2002
Vanadium		ND	1.00		µg/L	1	R13325A	03/26/2002
Zinc		7.70	4.00		µg/L	1	R13325A	03/26/2002
CATION/ANION BALANCES			CALCULATION					Analyst: **AMJ**
Cation/Anion Balance		Balanced			Date	1	R13519	04/08/2002
ANIONS BY ION CHROMATOGRAPHY, DISSOLVE E300								Analyst: **WR**

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Page 1 of 24

LCRA Environmental Laboratory Services

Date: *08-Apr-02*

CLIENT: Texas Water Development Board
Client Sample ID: 67-18-806
Lab Order: 0203174 **File No:** 19095
Project: TWDB FY02
Collection Date: 03/11/2002 9:10:00 AM
Lab ID: 0203174-01
Matrix: GROUNDWATER

Analyses	Storet	Result	PQL	Qual	Units	DF	BatchID	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY, DISSOLVE	**E300**							**Analyst: WR**
Bromide Dissolved		0.31	0.10		mg/L	5	R13297A	03/21/2002 12:59:08 PM
Chloride Dissolved		109	5.00		mg/L	5	R13297A	03/21/2002 12:59:08 PM
Fluoride Dissolved		0.36	0.05		mg/L	5	R13297A	03/21/2002 12:59:08 PM
Sulfate Dissolved		118	5.00		mg/L	5	R13297A	03/21/2002 12:59:08 PM
ALKALINITY	**M2320 B**							**Analyst: CMM**
Alkalinity, Phenolphthalein		ND	0		mg/L CaCO	1	R13226	03/19/2002
Alkalinity, Total (As CaCO3)		311	2		mg/L CaCO	1	R13226	03/19/2002
NITRATE AND NITRITE	**E353.2**							**Analyst: WR**
Nitrogen, Nitrate & Nitrite		0.04	0.02		mg/L	1	R13517A	04/05/2002
SILICA	**E370.1**							**Analyst: WR**
Silica, Dissolved (as SIO2)		40.6	0.50		mg/L	1	R13404A	04/01/2002

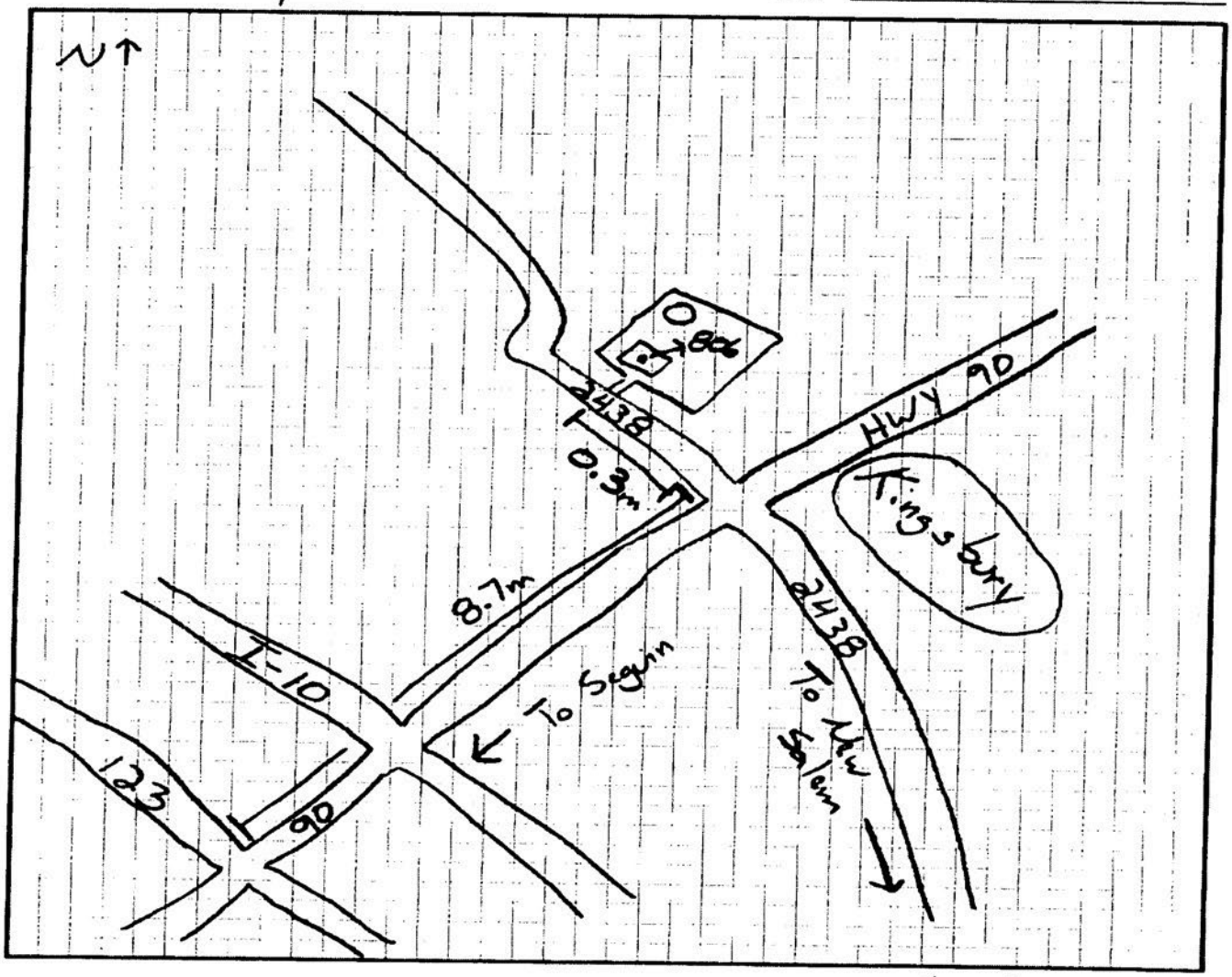
Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Texas Water Development Board - Well Location Sketch

By: D Rau Date: 3/11/02 Division Hemon

County Guadalupe Well Number: 6718806



6718806
Well Number

V:/HEMon/Share/Forms/sketch

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 69 **Distance from Property: 1.00 mi. S**

TRACK #: **206066**
DATE ENTERED: **2010-01-27**
OWNER NAME: **TURNER, MORGAN**
OWNER ADDRESS: **PO BOX 1501**
SEGUIN, TX 78155
COUNTY: **GUADALUPE**
LATITUDE: **29.606945000** LONGITUDE: **-97.840000000**

WELL LOG:
DRILLING DATE (STARTED): **2008-06-05**
DRILLING DATE (COMPLETED): **2008-06-05**
DEPTH DRILLED: **182'**

WATER LEVEL:
STATIC LEVEL: **35'**
WATER LEVEL DATE: **2008-06-05**
TYPE OF WATER: **WILCOX**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **DEHARDE WATER WELL SERVICE**
COMPANY ADDRESS: **1075 SCHUENEMANN RD.**
SEGUIN, TX 78155

NWIS United States Geological Survey National Water Information System

VERSION DATE: 1/2020

The U.S. Geological Survey (USGS) National Water Information System (NWIS) includes water inventory data originating from all 50 states, plus border and territorial sites, including data from as early as 1899. This database includes selected site types limited to Groundwater Sites and Spring Sites from the 1.5 million plus sites within NWIS. Surface-Water, Atmospheric, and Other Site types are excluded. Disclaimer: Water Data for the Nation is the USGS public web interface to much of the data stored and managed within NWIS. It is not, however, configured to present all NWIS data and users may need to contact local Water Science Centers to obtain some information. NWIS data is updated on a regularly scheduled basis, and current condition data is generally updated upon receipt at local Water Science Centers.

ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

SSDRD Select Submitted Drillers Report Database Wells

VERSION DATE: 2/2021

This Texas Water Development Board database was created from the online Texas Well Report Submission and Retrieval System (a cooperative TDLR, TWDB system) that registered water-well drillers use to submit their required reports. The system was started in February 2001 and is optional for the drillers to use. This data excludes the following well types: Monitor Wells, Environmental Soil Borings, Injections Wells, De-watering and Test Wells.

TCEQ Texas Commission on Environmental Quality Water Wells

VERSION DATE: NR

The Texas Commission on Environmental Quality (TCEQ) maintains a filing system of plotted and unnumbered water wells. Plotted water wells are filed according to the County indicated by the driller and the state well number assigned by State of Texas personnel. Given the available location information provided by the driller, personnel identify where the approximate well location should be. After well placement a state well number is assigned indicating that the well lies within a specific 2.5' section of a 7.5' quadrangle. This method allows for quicker, more refined, reference when researching a specific area. Unnumbered water wells have not been assigned a state well number. This can occur for a variety of reasons; however it does not mean the well cannot be accurately spotted. Unnumbered water well records are filed according to County and are often broken up by year or by a span of years.

TWDB Texas Water Development Board Groundwater Database

VERSION DATE: 11/2020

The Texas Water Development Board Groundwater Database contains information for more than 123,500 sites in Texas including data on water wells, springs, oil/gas tests, water levels, and water quality. The purpose of the Board's data collection effort over the years has been to gain representative information about aquifers in the state in order to do water planning. It is very important, however, to realize that the wells in the database represent only a small percentage of the wells that actually exist in Texas. A registered water well driller is required by law to send in a report to the State for every well that is drilled. This requirement began in 1965, and we estimate that approximately 500,000 wells have been drilled in Texas since then. Of the 1,000,000 plus water wells drilled in Texas over the past 100 years, more than 130,000 have been inventoried and placed into the TWDB groundwater database. State well numbers have been assigned to these based on their location within numbered 7 1/2 minute quadrangles formed by lines of latitude and longitude. This database contains well information including location, depth, well type, owner, driller, construction and completion data.

WUD Water Utility Database

VERSION DATE: NR

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public

Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.

WORKSHEET 4.1
DISCHARGE POINT INFORMATION

This worksheet is required for **each** discharge point. Submit one Worksheet **4.1** for each discharge point. If there is more than one discharge point, the numbering of the points should be consistent throughout the application and on any supplemental documents (e.g. maps). **Instructions, Page 27.**

For water discharged at this location provide:

a. The amount of water that will be discharged at this point is ~50 acre-feet per year. The discharged amount should include the amount needed for use and to compensate for any losses.

b. Water will be discharged at this point at a maximum rate of _____ cfs or ~200 gpm.

c. Name of Watercourse as shown on Official USGS maps: Long Branch

d. Zip Code 78155

f. Location of point: In the James A Swift Original Survey No. N/A, Abstract No. 292, Guadalupe County, Texas.

g. Point is at:

Latitude 29.623369 °N, Longitude -97.845153 °W.

Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places

h. Indicate the method used to calculate the discharge point location (examples: Handheld GPS Device, GIS, Mapping Program): GIS

Map submitted must clearly identify each discharge point. See instructions Page. 15.

GUADALUPE COUNTY GROUNDWATER CONSERVATION DISTRICT

OPERATING/PRODUCTION PERMIT

FOR THE WITHDRAWAL AND BENEFICIAL USE OF GROUNDWATER

Permit No. REC-2022-WX-01

I. Permittee:

Name: Kiteboard Ranch, LLC

Mailing Address: 3571 Far West Blvd #82, Austin, TX 78731

Email: stephen@yacktman.email

Phone Number: (512) 767-6700

Contact Person if different from Permittee*:

[Name, address, email & phone]

N/A

*Permittee shall advise the District of any change in contact information and shall ensure that a current emergency contact telephone number is on file with the District.

II. Permit Term: 5 years from date of issuance or renewal.

Date Original Application was filed: September 28, 2021

Renewal Date(s):

N/A

(Attached: Copies of original permits/renewals/amendments to this permit)

Date Issued: January 13, 2022 Expiration Date: January 13, 2027

**Permits may be renewed by the District as per GCGCD Rule 5.3(g). Permits do not become vested rights in the permit holder, and there is no automatic right of renewal.

III. Annual Production***: Three Hundred and Twenty One (321) **Acre-Feet/Year from the** Wilcox **aquifer**

***Annual Production is the maximum annual amount of groundwater withdrawal authorized to be

produced from the well(s), under an operating permit, a permit amendment, or otherwise.

IV. Pump Size: See attached table **Production Capacity:** See attached table

V. Location of Well(s): [GPS Coordinates in decimal degrees to six decimal points, Physical address, GCAD Geo & Property ID #, and/or legal description, as applicable]:

See attached table

VI. Number of Well(s) Associated with Permit: Seven (7)

VII. Purpose of Use: Recreational

VIII. Destination of water:

To maintain water level for a 95-acre lake on the property

IX. Contractual Commitments of Water Rights: Six Hundred and Forty One and Ninth Tenths (641.9)
Carrizo Aquifer Water Rights: GCGCD Rule 5.4(d).
Wilcox Aquifer Water Rights: GCGCD Rule 5.4(f)

See attached table

X. Standard Permit Provisions. All permits are granted subject to the District Act, Rules, and orders of the Board, the laws of the State of Texas, the District's Management Plan, and Desired Future Conditions, and the continuing right of the District to manage the aquifers within the District's boundaries as authorized by Chapter 36 of the Texas Water Code, as amended, and are subject to the following conditions and requirements:

1. This Permit is granted in accordance with the provisions of the District Act, Texas Water Code, and the Rules, Management Plan and orders of the District, and the Desired Future Conditions applicable to the aquifers in the District, and the Permittee shall comply with the Water Code, the District Act, the District's Rules, orders of the District's Board, and all the terms, provisions, conditions, requirements, limitations and restrictions embodied in this Permit. Failure to comply with any of these provisions may result in cancellation or revocation of the Permit.

2. This Permit confers no vested rights in the holder, and it may be revoked or suspended, or its terms may be modified or amended pursuant to the provisions of the District's Act. This Permit confers only the right to operate under the terms and conditions of the Permit, and its terms may be modified or amended pursuant to the District's Rules, Chapter 36 of the Texas Water Code, and the directives of the Texas Legislature, or if necessary, to achieve the goals and objectives of the District's Management Plan, to achieve the Desired Future Conditions applicable to the District, or to address water quality issues.

3. The operation of the well(s) for the authorized withdrawal must be conducted in a non-wasteful manner.

4. All permitted wells used either for industrial, commercial irrigation or municipal purposes shall be equipped with approved metering devices accessible to District employees at any time during normal business hours as per Rule 5.1 (d).

5. The Permittee must keep accurate records of the amount of groundwater withdrawn and the purpose of the withdrawal and such records shall be available for inspection by District representatives. Immediate written notice must be given to the District in the event the well is either polluted or causing pollution of any aquifer.

6. The well site must be accessible to District representatives for inspection, and the Permittee agrees to cooperate fully in any reasonable inspection of the well and well site by District representatives.

7. The application pursuant to which this Permit has been issued is incorporated in this Permit, and this Permit is granted on the basis of, and contingent upon, the accuracy of the information supplied in that application and in any amendments to the application. A finding that false information has been supplied is grounds for immediate revocation of the Permit. In the event of conflict between the provisions of this Permit and the contents of the application, the provisions of this Permit shall control.

8. Violation of this Permit's terms, conditions, requirements, or special provisions, shall subject the permit holder to civil penalties, injunction from further well operation and production, and other legal action as provided by the District's Rules.

9. Wherever special provisions are inconsistent with other provisions or the District's Rules, the special provisions prevail.

10. Permittee agrees to allow District to include well(s) under this permit into GCGCD Monitoring Well Program.

Table 4. Guadalupe County GCD Well Permit Application Supplemental Information

Section #	Section 1.2	Section 1.3	Section 1.3	Section 1.4	Section 1.4	Section 1.5	Section 1.5	Section 1.6	Section 1.8	Section 1.13
Well Name	*Depth to Water Bearing (ft)*	*Production Capacity (GPM)*	*Pump Size (HP)*	*Well Location (GEO ID)*	*Well Location (Property ID)*	*Latitude*	*Longitude*	*Grid Location*	*# Enabling Water Rights*	*Drill Date*
K-3	25	35	3	2G0162-0000-00300-0-00	64977	29.629197	-97.847684	67-18-7	112.91	9/17/2020
K-10a	162	15	3	2G0292-0000-00500-0-00	70303	29.62408	-97.834919	67-26-1	48.39	1/14/2021
K-13	84	15	1 1/2	2G0292-0000-00500-0-00	70303	29.621873	-97.836176	67-26-1	48.39	1/23/2021
K-14	80	8	1/2	2G0292-0000-00500-0-00	70303	29.623402	-97.838478	67-26-1	25.81	1/27/2021
K-16	20	60	3	2G0162-0000-00300-0-00	64977	29.630571	-97.845343	67-18-7	193.56	2/2/2021
K-18	40	58	5	2G0162-0000-00300-0-00	64977	29.627372	-97.849835	67-18-7	187.11	2/22/2021
K-23	24	8	1/2	2G0345-0000-00100-0-00	72233	29.633588	-97.841981	67-18-7	25.81	3/15/2021

Attach Special Conditions (if applicable) _____

Attach Action Plan for implementing Special Condition(s) – (if applicable)

_____

NOW, THEREFORE, THIS OPERATING/PRODUCTION PERMIT IS ISSUED and attested by the seal of the District.

DATED, ISSUED, AND EXECUTED THIS 13th day of January, 2022, and **TO BE EFFECTIVE** the 13th day of January, 2022, Guadalupe County, Texas, by the General Manager of the District upon delegation by the District's Board of Directors.

Kelley Cochran

Kelley Cochran, General Manager

GCGCD Seal

WORKSHEET 5.0
ENVIRONMENTAL INFORMATION

1. Impingement and Entrainment

This section is required for any new diversion point that is not already authorized. Indicate the measures the applicant will take to avoid impingement and entrainment of aquatic organisms (ex. Screens on any new diversion structure that is not already authorized in a water right). **Instructions, Page 29.**

N/A

2. New Appropriations of Water (Canadian, Red, Sulphur, and Cypress Creek Basins only) and Changes in Diversion Point(s)

This section is required for new appropriations of water in the Canadian, Red, Sulphur, and Cypress Creek Basins and in all basins for requests to change a diversion point. **Instructions, Page 30.** N/A

Description of the Water Body at each Diversion Point or Dam Location. (Provide an Environmental Information Sheet for each location),

a. Identify the appropriate description of the water body.

☐ Stream

☐ Reservoir

Average depth of the entire water body, in feet: _____

☐ Other, specify: _____

b. Flow characteristics

If a stream, was checked above, provide the following. For new diversion locations, check one of the following that best characterize the area downstream of the diversion (check one).

☐ Intermittent - dry for at least one week during most years

☐ Intermittent with Perennial Pools - enduring pools

☐ Perennial - normally flowing

Check the method used to characterize the area downstream of the new diversion location.

☐ USGS flow records

☐ Historical observation by adjacent landowners

☐ Personal observation

☐ Other, specify: _____

c. Waterbody aesthetics

Check one of the following that best describes the aesthetics of the stream segments affected by the application and the area surrounding those stream segments.

☐ Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional

☐ Natural Area: trees and/or native vegetation common; some development evident (from fields, pastures, dwellings); water clarity discolored

☐ Common Setting: not offensive; developed but uncluttered; water may be colored or turbid

☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

d. Waterbody Recreational Uses

Are there any known recreational uses of the stream segments affected by the application?

☐ Primary contact recreation (swimming or direct contact with water)

☐ Secondary contact recreation (fishing, canoeing, or limited contact with water)

☐ Non-contact recreation

Submit the following information in a Supplemental Attachment, labeled Addendum to Worksheet 5.0:

1. Photographs of the stream at the diversion point or dam location. Photographs should be in color and show the proposed point or reservoir and upstream and downstream views of the stream, including riparian vegetation along the banks. Include a description of each photograph and reference the photograph to the map submitted with the application indicating the location of the photograph and the direction of the shot.

2. If the application includes a proposed reservoir, also include:

   i. A brief description of the area that will be inundated by the reservoir.

   ii. If a United States Army Corps of Engineers (USACE) 404 permit is required, provide the project number and USACE project manager.

   iii. A description of how any impacts to wetland habitat, if any, will be mitigated if the reservoir is greater than 5,000 acre-feet.

3. Alternate Sources of Water and/or Bed and Banks Applications

This section is required for applications using an alternate source of water and bed and banks applications in any basins. **Instructions, page 31.**

a. For all bed and banks applications:

i. Submit an assessment of the adequacy of the quantity and quality of flows remaining after the proposed diversion to meet instream uses and bay and estuary freshwater inflow requirements.

b. For all alternate source applications:

i. If the alternate source is treated return flows, provide the TPDES permit number N/A

ii. If groundwater is the alternate source, or groundwater or other surface water will be discharged into a watercourse provide:
Reasonably current water chemistry information including but not limited to the following parameters in the table below. Additional parameters may be requested if there is a specific water quality concern associated with the aquifer from which water is withdrawn. If data for onsite wells are unavailable; historical data collected from similar sized wells drawing water fro the same aquifer may be provided. However, onsite data may still be required when it becomes available. Provide the well number or well identifier. Complete the information below for each well and provide the Well Number or identifier.

Please see attachment on following page for water chemistry data on groundwater wells.

Parameter	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Sulfate, mg/L					
Chloride, mg/L					
Total Dissolved Solids, mg/L					
pH, standard units					
Temperature*, degrees Celsius					

* Temperature must be measured onsite at the time the groundwater sample is collected.

iii. If groundwater will be used, provide the depth of the well between 122'-191' and the name of the aquifer from which water is withdrawn Carrizo-Wilcox Aquifer.

Water Quality - Kiteboard

Parameter	*K-4*	*K-5a*		*K-10a*	*K-13*	*K-14*	*K-16*	*K-18*	*K-23*
Sample Date	3/24/2021	3/25/2021	3/29/2021	3/24/2021	3/25/2021	3/25/2021	3/24/2021	3/24/2021	3/25/2021
Temperature (C)	22.8	20.1	16.4	23.7	20.5	24.4	22.4	23.4	21.8
pH	6.74	7.48	7.48	7.71	7.22	6.76	6.75	6.88	6.3
Total Dissolved Solids (mg/L)	3530	8430	6650	1030	689	852	412	1640	344
Total Alkalinity (as CaCO3)	169	1040	917	281	282	264	234	254	149
Bicarbonate (as CaCO3)	169	1040	917	281	282	264	234	254	149
Carbonate (as CaCO3)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Hydroxide (as CaCO3)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Calcium	766	209	201	51.5	133	177	54.3	290	64.1
Chloride	1930	70.5	83.3	210	81.1	114	19.5	529	14.4
Magnesium	117	67.4	33.8	22.6	17.3	20.9	8.59	29	9.39
Potassium	6.21	28.5	19.4	6.62	4.24	4.11	2.35	5.92	3.48
Sodium	361	613	512	271	71.7	77.3	55.5	244	28.7
Dissolved Iron	1.01	3.27	3	0.218	0.797	5.4	0.266	0.107	0.147
Dissolved Manganese	0.276	5.47	3.67	0.0954	0.482	0.465	0.0694	0.0763	0.0766
Nitrate as Nitrogen	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.19	2.61
Sulfate	378	193	243	290	154	257	59.8	365	74.7

WORKSHEET 6.0
Water Conservation/Drought Contingency Plans N/A

This form is intended to assist applicants in determining whether a Water Conservation Plan and/or Drought Contingency Plans is required and to specify the requirements for plans. **Instructions, Page 31.**

The TCEQ has developed guidance and model plans to help applicants prepare plans. Applicants may use the model plan with pertinent information filled in. For assistance submitting a plan call the Resource Protection Team (Water Conservation staff) at 512-239-4600, or e-mail wras@tceq.texas.gov. The model plans can also be downloaded from the TCEQ webpage. ***Please use the most up-to-date plan documents available on the webpage.***

1. Water Conservation Plans

a. The following applications must include a completed Water Conservation Plan (30 TAC § 295.9) for each use specified in 30 TAC, Chapter 288 (municipal, industrial or mining, agriculture - including irrigation, wholesale):

1. Request for a new appropriation or use of State Water.

2. Request to amend water right to increase appropriation of State Water.

3. Request to amend water right to extend a term.

4. Request to amend water right to change a place of use.
   **does not apply to a request to expand irrigation acreage to adjacent tracts.*

5. Request to amend water right to change the purpose of use.
   **applicant need only address new uses.*

6. Request for bed and banks under TWC § 11.042(c), when the source water is State Water
   **including return flows, contract water, or other State Water.*

b. If Applicant is requesting any authorization in section (1)(a) above, indicate each use for which Applicant is submitting a Water Conservation Plan as an attachment:

1. _____Municipal Use. See 30 TAC § 288.2. **

2. _____Industrial or Mining Use. See 30 TAC § 288.3.

3. _____Agricultural Use, including irrigation. See 30 TAC § 288.4.

4. _____Wholesale Water Suppliers. See 30 TAC § 288.5. **

If Applicant is a water supplier, Applicant must also submit documentation of adoption of the plan. Documentation may include an ordinance, resolution, or tariff, etc. See 30 TAC §§ 288.2(a)(1)(J)(i) and 288.5(1)(H). Applicant has submitted such documentation with each water conservation plan? **Y / N____

c. Water conservation plans submitted with an application must also include data and information which: supports applicant's proposed use with consideration of the plan's water conservation goals; evaluates conservation as an alternative to the proposed

appropriation; and evaluates any other feasible alternative to new water development. See 30 TAC § 288.7.
Applicant has included this information in each applicable plan? **Y / N**____

2. Drought Contingency Plans

a. A drought contingency plan is also required for the following entities if Applicant is requesting any of the authorizations in section (1) (a) above - indicate each that applies:

1. _____Municipal Uses by public water suppliers. See 30 TAC § 288.20.

2. _____Irrigation Use/ Irrigation water suppliers. See 30 TAC § 288.21.

3. _____Wholesale Water Suppliers. See 30 TAC § 288.22.

b. If Applicant must submit a plan under section 2(a) above, Applicant has also submitted documentation of adoption of drought contingency plan (*ordinance, resolution, or tariff, etc. See 30 TAC § 288.30*) **Y / N**___

WORKSHEET 7.0
ACCOUNTING PLAN INFORMATION WORKSHEET N/A

The following information provides guidance on when an Accounting Plan may be required for certain applications and if so, what information should be provided. An accounting plan can either be very simple such as keeping records of gage flows, discharges, and diversions; or, more complex depending on the requests in the application. Contact the Surface Water Availability Team at 512-239-4600 for information about accounting plan requirements, if any, for your application. **Instructions, Page 34.**

1. Is Accounting Plan Required

Accounting Plans are generally required:

- For applications that request authorization to divert large amounts of water from a single point where multiple diversion rates, priority dates, and water rights can also divert from that point;
- For applications for new major water supply reservoirs;
- For applications that amend a water right where an accounting plan is already required, if the amendment would require changes to the accounting plan;
- For applications with complex environmental flow requirements;
- For applications with an alternate source of water where the water is conveyed and diverted; and
- For reuse applications.

2. Accounting Plan Requirements

a. A **text file** that includes:
   1. an introduction explaining the water rights and what they authorize;
   2. an explanation of the fields in the accounting plan spreadsheet including how they are calculated and the source of the data;
   3. for accounting plans that include multiple priority dates and authorizations, a section that discusses how water is accounted for by priority date and which water is subject to a priority call by whom; and
   4. Should provide a summary of all sources of water.

b. A **spreadsheet** that includes:
   1. Basic daily data such as diversions, deliveries, compliance with any instream flow requirements, return flows discharged and diverted and reservoir content;
   2. Method for accounting for inflows if needed;
   3. Reporting of all water use from all authorizations, both existing and proposed;
   4. An accounting for all sources of water;
   5. An accounting of water by priority date;
   6. For bed and banks applications, the accounting plan must track the discharged water from the point of delivery to the final point of diversion;
   7. Accounting for conveyance losses;
   8. Evaporation losses if the water will be stored in or transported through a reservoir. Include changes in evaporation losses and a method for measuring reservoir content resulting from the discharge of additional water into the reservoir;
   9. An accounting for spills of other water added to the reservoir; and
   10. Calculation of the amount of drawdown resulting from diversion by junior rights or diversions of other water discharged into and then stored in the reservoir.

WORKSHEET 8.0
CALCULATION OF FEES

This worksheet is for calculating required application fees. Applications are not Administratively Complete until all required fees are received. **Instructions, Page. 34**

1. NEW APPROPRIATION

	Description	Amount ($)
Filing Fee	Circle fee correlating to the total amount of water* requested for any new appropriation and/or impoundment. Amount should match total on Worksheet 1, Section 1. Enter corresponding fee under **Amount ($).** In Acre-Feet a. Less than 100 ~~$100.00~~ b. 100 - 5,000 (circled) $250.00 c. 5,001 - 10,000 $500.00 d. 10,001 - 250,000 $1,000.00 e. More than 250,000 $2,000.00	
Recording Fee		$25.00
Agriculture Use Fee	*Only for those with an Irrigation Use.* Multiply 50¢ x 0 Number of acres that will be irrigated with State Water. **	
Use Fee	*Required for all Use Types, **excluding Irrigation Use.*** Multiply $1.00 x 0 Maximum annual diversion of State Water in acre-feet. **	
Recreational Storage Fee	*Only for those with Recreational Storage.* Multiply $1.00 x 974 acre-feet of in-place Recreational Use State Water to be stored at normal max operating level.	$974.00
Storage Fee	*Only for those with Storage, **excluding Recreational Storage.*** Multiply 50¢ x 0 acre-feet of State Water to be stored at normal max operating level.	
Mailed Notice	Cost of mailed notice to all water rights in the basin. Contact Staff to determine the amount (512) 239-4600.	$344.98
TCEQ has been paid the fee and will credit the same amount from the previous application (WRPERM 13818) which was withdrawn on January 7, 2022.	**TOTAL**	$1593.98

2. AMENDMENT *OR* SEVER AND COMBINE

	Description	Amount ($)
Filing Fee	Amendment: $100	
	OR Sever and Combine: $100 x___of water rights to combine	
Recording Fee		$12.50
Mailed Notice	Additional notice fee to be determined once application is submitted.	
	TOTAL INCLUDED	$ N/A

3. BED AND BANKS

	Description	Amount ($)
Filing Fee		$100.00
Recording Fee		$12.50
Mailed Notice	Additional notice fee to be determined once application is submitted.	
	TOTAL INCLUDED	$ N/A

TCEQ

TCEQ - A/R RECEIPT REPORT BY ACCOUNT NUMBER

29-OCT-21 08:56 AM

Fee Description	Fee Code / Account# / Account Name	Ref#1 / Ref#2 / Paid In By	Check Number / Card Auth. / User Data	CC Type / Tran Code / Rec Code	Slip Key / Document#	Tran Date	Tran Amount
WTR USE PERMITS	WUP WUP WATER USE PERMITS	M202346 YACKTMAN, ELLYN	1084 102821 RHDAVIS	 N CK	BS00089677 D2800451	29-OCT-21	-$1,593.98
	WUP WUP WATER USE PERMITS	M202347 13777 MCCARTHY & MCCARTHY LLP	1898 102821 RHDAVIS	 N CK	BS00089677 D2800451	29-OCT-21	-$1,133.27
				Total (Fee Code):			-$2,727.25
				Grand Total:			-$3,727.25