staller Name:	OSSF Installer #:	
1st Inspection Date:	2nd Inspection Date:	3rd Inspection Date:
Inspector Name:	Inspector Name:	Inspector Name:

Perm	it#:		Address:	iress:					
No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.		
1	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials		285.31(a) 285.30(b)(1)(A)(iv) 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(iii) 285.30(b)(1)(A)(ii) 285.30(b)(1)(A)(i)						
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards		285.91(10) 285.30(b)(4) 285.31(d)						
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)		285.32(a)(1)						
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot		285.32(a)(3)						
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)		285.32(a)(5)						
6	PRETREATMENT Installed (if required) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(G) 285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(B) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(D) 285.32(b)(1)(E) 285.32(b)(1)(E) 285.32(b)(1)(E) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(II)						
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)						

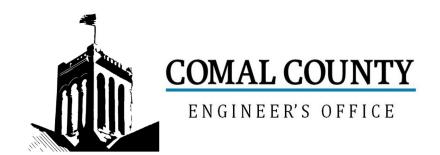
**Inspector Notes:** 

N-	December 41	A may	Citotiana	Net	1 at 1	2 m d 1	7 mal 1
No.	Description SEPTIC TANK Tank(s) Clearly	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	Marked SEPTIC TANK IsingleTank, 2Compartments Provided withBaffle SEPTIC TANK Inlet Flowline Greater than3" and "T" Provided on Inlet and OutletSEPTIC TANK Septic Tank(s) MeetMinimum Requirements		285.32(b)(1) (E)285.91(2)285.32(b)(1) (F)285.32(b)(1)(E) (iii)285.32(b)(1)(E)(ii) (I)285.32(b)(1)(E) (i)285.32(b)(1)(E) (i)285.32(b)(1)(C) (ii)285.32(b)(1)(C) (ii)285.32(b)(1)(C) (ii)285.32(b)(1) (B)285.32(b)(1) (A)285.32(b)(1)(E)(iv)				
1	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used		285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)				
	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
	SEPTIC TANK Secondary restraint system providedSEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d) 285.38(e)				
	SEPTIC TANK Tank Volume Installed						
12							
	PUMP TANK Volume Installed						
1	AEROBIC TREATMENT UNIT Size Installed						
14							
	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number						
15	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
17	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
18	DISPOSAL SYSTEM Evapo- transpirative		285.33(a)(3) 285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				
18			203.33(a)(2)				

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
	DISPOSAL SYSTEM Drip Irrigation	Allowei	Citations	Notes	13t 1113p.	Ziiu iiisp.	Sid ilisp.
	DIST COAL STOTENT DITP ITTIGATION		20E 22(a)(2)(A) (E)				
			285.33(c)(3)(A)-(F)				
19	DISPOSAL SYSTEM Soil						
20	Substitution		285.33(d)(4)				
20	DISPOSAL SYSTEM Pumped						
	Effluent		285.33(a)(4) 285.33(a)(3)				
			285.33(a)(1)				
21			285.33(a)(2)				
	DISPOSAL SYSTEM Gravelless Pipe						
	·		285.33(a)(3)				
			285.33(a)(2)				
			285.33(a)(4)				
22			285.33(a)(1)				
22	DISPOSAL SYSTEM Mound		205 22/ 1/51				
			285.33(a)(3) 285.33(a)(1)				
			285.33(a)(1) 285.33(a)(2)				
23			285.33(a)(4)				
23	DISPOSAL SYSTEM Other						
	(describe) (Approved Design)		285.33(d)(6) 285.33(c)(4)				
24			263.33(C)(4)				
	DRAINFIELD Absorptive Drainline 3" PVC						
	or 4" PVC						
25							
	DRAINFIELD Area Installed						
26	DRAINFIELD Level to within 1 inch						
	per 25 feet and within 3 inches						
	over entire excavation		285.33(b)(1)(A)(v)				
27							
	DRAINFIELD Excavation Width DRAINFIELD Excavation Depth						
	DRAINFIELD Excavation Separation						
	DRAINFIELD Depth of Porous Media						
	DRAINFIELD Type of Porous Media						
28	DDAINEIEID E						
	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place		285.33(b)(1)(E)				
29			(-/\-/\-/				
	DRAINFIELD Leaching Chambers DRAINFIELD Chambers - Open End						
	Plates w/Splash Plate, Inspection						
	Port & Closed End Plates in Place		285.33(c)(2)				
	(per manufacturers spec.)						
30							
	LOW PRESSURE DISPOSAL						
	SYSTEM Adequate Trench Length						
	& Width, and Adequate Separation Distance between		285.33(d)(1)(C)(i)				
	Trenches						
31							

	O331 Hispection Sheet								
No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.		
	EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0% EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field ( 1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom ) EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. & Vertical Separation of 1ft on bottom and 2 ft. to restrictive horizon and ground water respectfully EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes ( 3/16 - 1/4" dia. Hole Size ) 5 ft. Apart		285.33(b)(3)(A) 285.33(b)(3)(A) 285.33(b)(3) (B)285.91(13) 285.33(b)(3)(D) 285.33(b)(3)(F)						
	AEROBIC TREATMENT UNIT IS Aerobic Unit Installed According to Approved Guidelines.		285.32(c)(1)						
34	AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided AEROBIC TREATMENT UNIT Secondary restraint system provided AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions								
35	AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.								
36	PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction PUMP TANK Sampling Port Provided in the Treated Effluent Line PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump								
	PUMP TANK Inspection/Clean Out Port & Risers Provided PUMP TANK Secondary restraint system provided PUMP TANK Riser permanently fastened to lid or cast into tank PUMP TANK Riser cap protected against unauthorized intrusions								
38	PUMP TANK Secondary restraint system provided								
	PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried								

	•								
No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.		
	APPLICATION AREA Distribution Pipe, Fitting, Sprinkler Heads & Valve Covers Color Coded Purple?		285.33(d)(2)(G)(iii)(II) 285.33(d)(2)(G)(iii)(III) 285.33(d)(2)(G)(v) 285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iv) 285.33(d)(2)(G)(i) 285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iii)(I)						
	APPLICATION AREA Low Angle Nozzles Used / Pressure is as required APPLICATION AREA Acceptable Area, nothing within 10 ft of sprinkler heads? APPLICATION AREA The Landscape Plan is as Designed		285.33(d)(2)(G) (i)285.33(d)(2) (A)285.33(d)(2)(F)						
	APPLICATION AREA Area Installed								
	PUMP TANK Meets Minimum Reserve Capacity Requirements								
	PUMP TANK Material Type & Manufacturer								
	PUMP TANK Type/Size of Pump Installed								



# Permit of Authorization to Construct an On-Site Sewage Facility Permit Valid For One Year From Date Issued

Permit Number: 118638

Issued This Date: 06/05/2025

This permit is hereby given to: Mary Johnson

To start construction of a private, on-site sewage facility located at:

21271 GUNTHER GROVE GARDEN RIDGE, TX 78266

Subdivision: Trophy Oaks

Unit: 1

Lot: 23

Block: 1

Acreage: 0.0000

#### APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Septic Tank

ET Beds

This permit gives permission for the construction of the above referenced on-site facility to commence. Installation must be completed by an installer holding a valid registration card from the Texas Commission on Environmental Quality (TCEQ). Installation and inspection must comply with current TCEQ and County requirements.

Call (830) 608-2090 to schedule inspections.

# \*\*\* COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH \* \* \* 118638 APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

Date 2/9/2019		Permit # /	08874
Owner Name Mary Johnson	Agent Name		
Mailing Address 21271 Gunther Grove		Brian Erxleben, R.S 562 S. Hwy 123 By	
City, State, Zip Garden Ridge, Texas 78266		Seguin, Texas 7815	
Phone # 210-559-2551	Phone #	210-559-2551	35
Email	Email		
All correspondence should be sent to:  Owner  Age		bandverx@gmail.co	ım
Subdivision Name Trophy Oaks	-	Method:	Mail X Email
Acreage/Legal N/A	_ Unit _1	Lot 23	Block 1
Street Name/Address 21271 Gunther Grove			
Type of Development:	City Gar	den Ridge	Zip 78266
			RECEIVED
Type of Construction (House, Mobile, RV, Etc.) House (existin Number of Bedrooms 5/NA	g)/pool house w	ith bath(new)	MAR 1 8 2019
Indicate Sq Ft of Living Area 4337/NA			WAY 7 0 7013
			COUNTY ENGINEER
Commercial or Institutional Facility			
(Planning materials must show adequate land area for doubling the requ	uired land needed	for treatment units an	d disposal area)
Type of Facility		To the different of the	o disposal Brea)
Offices, Factories, Churches, Schools, Parks, Etc Indicate Nu	mber Of Occup	ante	
Restaurants, Lounges, Theaters - Indicate Number of Seats	- Cocup	unto	
Hotel, Motel, Hospital, Nursing Home - Indicate Number of Beds			
Travel Trailer/RV Parks - Indicate Number of Spaces	-		
Miscellaneous			
Estimated Cost of Construction: \$30,000 (Structure	Only)		
Is any portion of the proposed OSSE located in the United States	A 7		
Is any portion of the proposed OSSF located in the United States A	Army Corps of E	ingineers (USACE)	flowage easement?
E TO A JOST STATE THOSE PROVIDE APPROVAL HOLL OSACE FOR PRO	posed OSSF impro	vements within the USA	CE flowage easement)
ource of Water  Public Private Well			
e Water Saving Devices Being Utilized Within the Residence?	Yes No		
signing this application, I certify that: he completed application and all additional information submitted does no acts.	at contain any ful-	-1-6	
uthorization is hereby given to the permitting authority and designated agree/soil evaluation and inspection of private sewage facilities	ents to enter upor	n the above described	d property for the purpose of
anderstand that a permit of authorization to construct will not be issued un the Comal County Flood Damage Prevention Order			
affirmatively consent to the online posting/public release of my e-mail add	ress associated v	with this permit applica	ation, as applicable.
ignature of Owner of O	Date -	17	
Mary l. Johnson ignature of Ohnson Mary L. Johnson 195 David Jonas Dr., New Braunfels, Texas 78132-	5-10	2-2025	Page 1 of 2
195 David Jonas Dr., New Braunfels, Texas 78132-	3760 (830) 608-20	90 Fax (830) 608-2078	Revised July 2018

### \* \* \* COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH \* \* \*

# APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

Planning Materials & Site Evaluation as Required Completed By Brian Erxleben, R.S. 3637
System Description Lift station for poolhouse connected to existing OSSF installed under permit #80126
Size of Septic System Required Based on Planning Materials & Soil Evaluation
Tank Size(s) (Gallons) 1250 Absorption/Application Area (Sq Ft) 1832
Gallons Per Day (As Per TCEQ Table III) 366
(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ.)
Is the property located over the Edwards Recharge Zone?   Yes   No
(If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))  MAR 18 2019
Is there an existing TCEQ approved WPAP for the property? ☐ Yes ☒ No
(If yes, the R.S. or P.E. shall certify that the OSSF design complies with all provisions of the existing WPAP.)
If there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP?   Yes   No
(If yes, the R.S. or P.E. shall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the proposed WPAP has been approved by the appropriate regional office.)
Is the property located over the Edwards Contributing Zone? ☐ Yes ☒ No
Is there an existing TCEQ approval CZP for the property?   Yes   No
(If yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP.)
If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP?   Yes   No
(If yes, the R.S. or P.E. shall certify that the OSSF design will comply with all provisions of the proposed CZP. A Permit to Construct will not be issued for the proposed OSSF until the CZP has been approved by the appropriate regional office.)
Is this property within an incorporated city?   Yes   No
If yes, indicate the city: Garden Ridge
By signing this application, I certify that:
- The information provided above is true and correct to the best of my knowledge I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.
2-9-19
Signature of Designer Date Page 2 of 2

## OSSF SOIL EVALUATION REPORT INFORMATION COMAL COUNTY

DA	TE:	2-	9-1	9
D.C.	110	4-	<i>_</i>	レノ

**Applicant Information:** 

Name: Mary Johnson

**Property Location:** 

City: Garden Ridge

Address: 21271 Gunther Grove

City: Garden Ridge State: Texas

Ph: (210) 559-2551 Fax:

Block: 1

Subdivision: Trophy Oaks, Unit 1

Street/Road Address: 21271 Gunther Grove

Zip: 78266

Installer Information:

Name: Brian Erxleben

**Site Evaluator Information:** 

Address: 562 S. Hwy 123 Bypass #128

City: Seguin State: Texas Zip: 78155

Ph: (830) 660-9133 E-mail: bandverx@gmail.com

Name: TBD Company:

Address:

City: State: Zip:

Ph: Fax:

SCHEMATIC of LOT of TRACT

Show:

Lot: 23

Additional:

North arrow, adjacent streets, property lines, dimensions, location of buildings, easements, swimming pools, water lines, and other structures where known.

Location of existing or proposed water wells within 150 feet of property.

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Indicate slope or provide contour lines from the structure to the farthest location for the proposed soil absorption or irrigation area.

Location of soil boring or dug pits (show with respect to a known reference point).

State: TX Zip: 78266

MAR 1 8 2019

Location of drainage ways, water impoundment areas, cut or fills bank, sharp slopes and breaks.

Lot Size: 1.315 acres

SITE DRAWING

COUNTY ENGINEER

		TIL DIGI	11110	 	
SEE SITE PLAN					
	FFA	TUDES OF	SITE AREA	 	

FEAT	URES	OF	SITE	AREA
------	------	----	------	------

Presence of 100 year flood zone YES\_\_\_ NO X Presence of upper water shed YES\_NOX Existing or proposed water well in nearby area YES\_ NO X Organized sewage service available to lot YES\_\_NO\_X

Presence of adjacent ponds, streams, water impoundments YES

Site Evaluator:

NAME: BRIAN ERXLEBEN Signature: License No: 11458

## GUADALUPE COUNTY ENVIRONMENTAL HEALTH DEPARTMENT OSSF SOIL EVALUATION FORM

Owners Name: Mary Johnson

Physical Address: 21271 Gunther Grove Garden Ridge, Texas 78266

Name of Site Evaluator: Brian Erxleben, OS0011458
Date Performed: 2-8-19 Proposed Excavation Depth: 18"-24"

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MAR 1 8 2019

#### Requirements:

At least two soil excavations must be performed on the site, at opposite ends of the proposed disposal area. Locations of soil evaluation must be shown on the application site drawing or designer's site drawing

For subsurface disposal, soil evaluations must be performed to a depth of at least two feet below the proposed excavation NTY ENGINEER depth. For surface disposal, the surface horizon must be evaluated.

Please describe each soil horizon and identify any restrictive features in the space provided below. Draw lines at the appropriate depths.

Depth (Feet)	Texture Class	Soil Texture	Structure (For Class III- blocky, platy or massive	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
						No modification to existing drainfield.
2						Original soi report by Dowlearn
4	Type 3	Clay loam	Blocky	None	None	from 5-7-99 attached.
5						

Depth (Feet)	Texture Class	Soil Texture	Structure (For Class III- blocky, platy or massive	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0						
1						
2						
3						1
4						
5						

#### FEATURES OF SITE AREA

Presence of 100 year flood zone YES\_ NO\_X Presence of adjacent ponds, streams, water impoundments YES NO X Existing or proposed water well in nearby area NO X NO\_X Organized sewage available to lot or tract YES Recharge features within 150 feet YES NO\_X

I certify that the above statements are true and are based on my own field observations.

Signature of Site Evaluator

Date

2-9-19

## Brian Erxleben, R.S., S.E.

562 S. Hwy 123 Bypass #128 Seguin, Texas 78155 Mobile (830) 660-9133 Fax (830) 372-3778

#### OSSF DESIGN

Owner: Mary Johnson

Location: 21271 Gunther Grove Garden Ridge, Texas 78266

Phone: (210) 559-2551

Date: 2-9-19

Development: Residence/Poolhouse with bath & water saving devices Bedrooms: 5/No living area

Sq. Ft: 4337/NA Q: 366 gpd (360/6)

Soil: Type 3  $R_a$ : 0.20 gall/ft<sup>2</sup>/day

System Type: Standard Absorptive Drainfield

Required Absorptive Area (A):  $1830 \text{ ft}^2$  (A = Q/R<sub>a</sub>)

Excavation Width (W): 4 ft

Existing Drainfield: 4 trenches @ 75' (single trenches, not looped)

Actual Excavation Area:  $1832 \text{ ft}^2$  (4 ft)(75 ft bottom)(4) + (1 ft)(75 ft sides + 8 ft ends)(4)

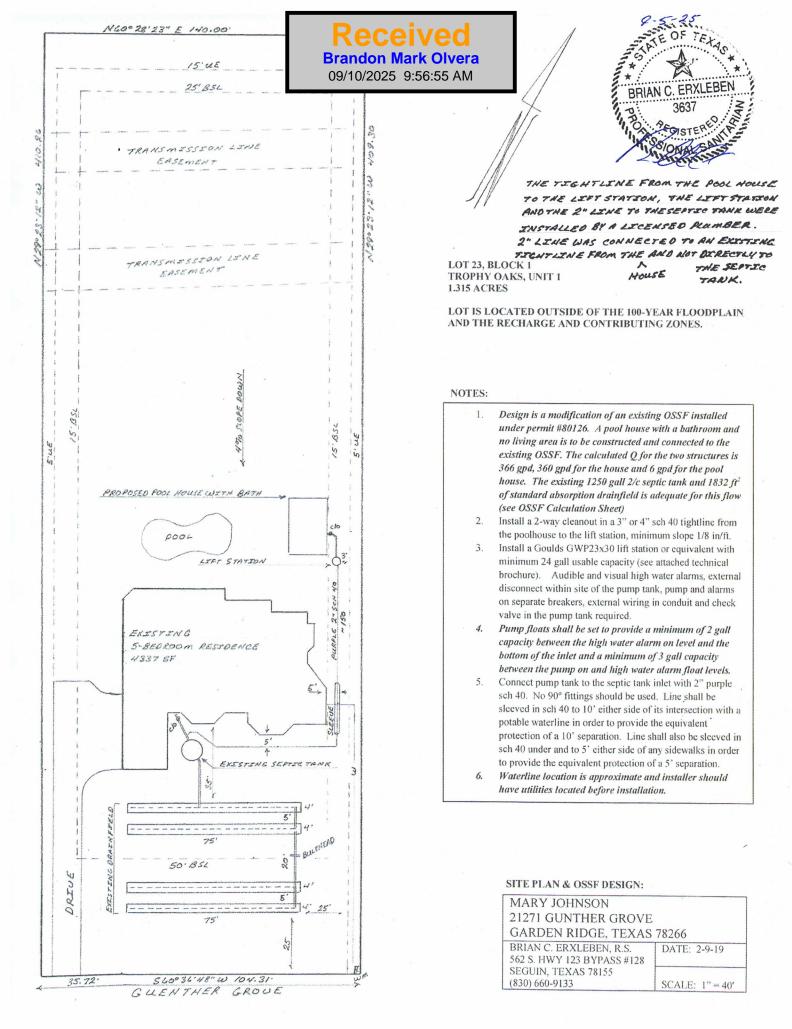
Minimum Tank Size: 1250 gall

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Actual Tank Size: 1250 gall 2/c (existing)

MAR 1 8 2019





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MAY 1 0

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MAR 18 2019

COUNTY ENGINEER

COUNTY ENGINEER

Date of Evaluation :

5/7/99

By: Douglas R. Dowlearn Rt. 1 Box 81 ,Blanco TX 78606

Owner's Name :

Greater Texas Builders

7475 Callaghan Rd. Suite 304

Mailing Address: San Antonio, TX 78229

Phone: 210-341-8396

Unit No.

Job Location: Trophy Oaks

Lot No 23

Blk No. 1

Street: 21271 Gunther Grove

Acreage:

Over Edward's Recharge Zone :

no

Water Supply:

public

Topography:

5%

Subsoil Texture :

Class III 0-15" brown clay loam

12-42" gravelly calcareous clay loam

Subsoil Structure :

blocky

Soil Depth:

42"

Restrictive Horizon:

no

Groundwater:

no

Flood Hazard:

no

Other:

Application Rate (Ra): .2

Number of bedrooms septic system is deigned for: 5br Total sq.ft. of living area: 4337

360 Gallons per day used.

A septic tank/absorptive drainfield system is to be utilized based on the site evaluation.

1800 sq. ft. absorption area required.

1200 sq. ft. excavation area used

1250 gallon compartmental septic tank required

Calculations: Absorption Area: Q / Ra = 360/.2 = 1800 ft.sq.

Do not use excavated material for backfill over drainfield gravet. Backfill with class II or Ib soil. Location of Test Holes:

I HAVE PERFORMED A THOROUGH INVESTIGATION BEING A REGISTERED SANITARIAN AND AN ON SITE SEWERAGE FACILITY ON THIS LOCATION CAN BE OPERATED WITHOUT CAUSING A THREAT OR HARM TO AN EXISTING OR PROPOSED WATER SUPPLY SYSTEM OR TO THE PUBLIC HEALTH, OR CREATING THE THREAT OF POLLUTION OR NUISANCE CONDITIONS.

SIGNATURE AND REGISTRATION NUMBER OF R.S.

PREVIOUS PERMIT

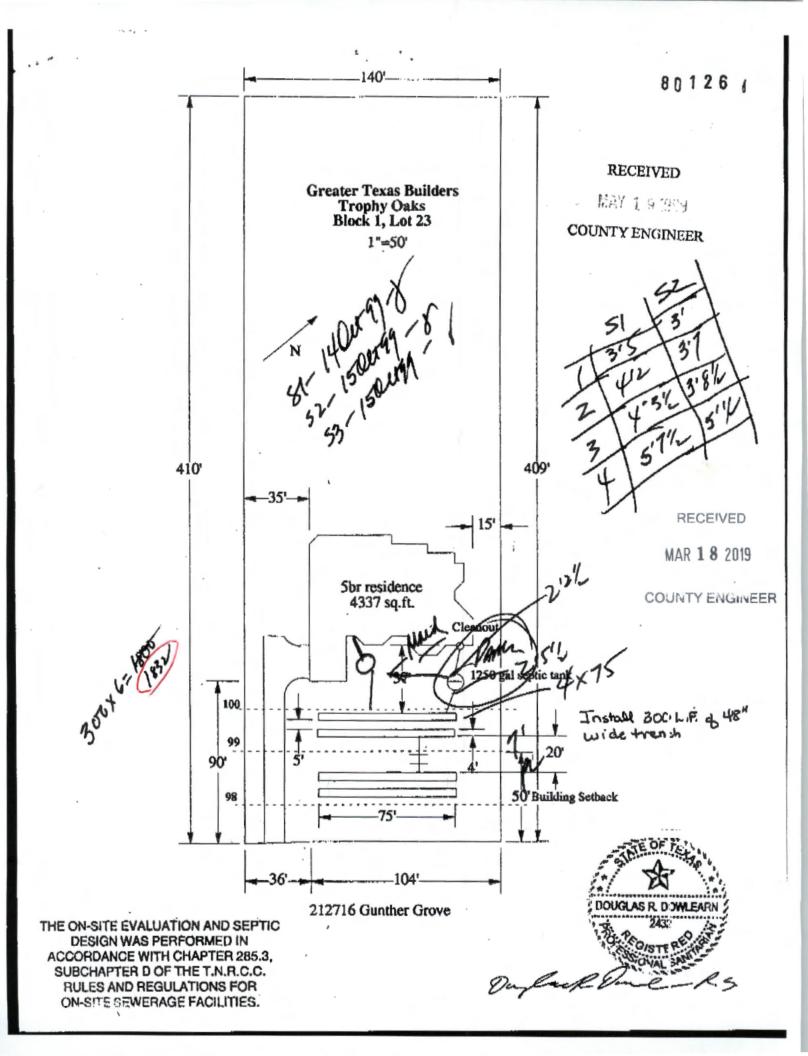
# \* \* \* COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH \* \* \*

# APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN ON-SITE SERVACE FACILITY AND LICENSE TO OPERATE 8 0 1 2 6 1

PRINT CLEARLY COME	LETTING ALL INFORMATION 8 U 1 2 U
MID 5/12/99	PERMITA:
ROPERTY OWNERS NAME: HROATER TO KAS	
uniess: 7475 Callagha	an Rd., Suite 304 MAY 1 4 1999
San Antonio,	TX 78229 RECEIVED COUNTY ENGINEER/ED
DESCRIPTION OF PROPERTY:	MAR 1 8 2019
CUMPIVISION: Trophy Oaks	COUNTY ENGINEER
THEET NAME: 21271 Stunther Howle	UNIT: 1 LOT: 23 HLK: 1 COUNTY ENGINEE
F NOT IN A SUBDIVISION CIVE NAME OF ROAD/HWY.	ACREAGE:
THE DIRECTIONS OR A LOCATION MAP TO THE PROPERTY ATTACH	IEDT HE GED IS PROOF OF OWNERSHIP ATTACHED?
	NO IF YES, SITE EVALUATION & PLANNING MATERIALS MUST BE
TYPE OF DEVELOPMENT:	
SINGLE FAMILY RESIDENCE 4337 TOTAL SC	QR. FT. OF DWELLING 360 CALLONS PER DAY
COMMERCIAL TYPE OF BUSINESS/INSTITUTION_	
NUMBER OF OCCUPANTS	CALLONS PER DAY
SITES GENERATING MORE THAN 5000 GALLONS PER DAY A PERMITTING THROUGH THE TEXAS NATURAL RESOURCE (	
SOURCE OF WATER: PUBLIC PREVATE	
***************************************	
	TEBRY: Douglas K. Dowlesso R.S.
YSTEM TYPE: Standard	(SEE TABLE IX ON BACK OF PAGE)
SYSTEM DESCRIPTION: <u>septic-tank whatsorpti</u>	rive drainfield (SCETABLE IX ON BACK PAGE)
SIZE OF SEPTIC SYSTEM REQUIRED HASED ON PLANNING MATERIAL	
TANK SIZE 1250 CALLONS A	AUSOIUTION/APPLICATION AREA 1800 SQR. FT.
ARE WATER SAVING DEVICES BEING UTILIZED?YES	
INSTALLERS NAME:	
***************************************	***************************************
DESIGNATED ACENTS TO ENTER UPON THE ABOVE DESCRIBED PRO	AUTHORIZATION IS HEREBY CIVEN TO THE PERMITTING AUTHORITY AND OPERTY FOR THE PURPOSE OF STUSSOL EVALUATION AND INSPECTION FRANCISCO ON THE PROPERTY OF AUTHORIZATION TO CONSTRUCT WILL NOT BE ISSUED UNTIL TO THE DEVELOPMENT PERMIT FOR THIS PROPERTY.
partona tinn	DAD SERVICES INC. 830-433- 2218
VICHAS (NR.) OF DAMEIS OF VILOIMTED YOUN).	BLANCO TY ZOLAL

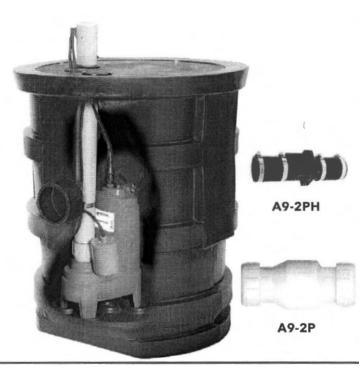
4931 HIGHWAY 46 WEST, NEW BRAUNFELS, TEXAS 78132-3760 • (830)608-2094 FAX: (830)608-2009

DATE OF APPLICATION	PERMIT NUMBER	DATE OF PERMIT APPROVAL	DATE OF FLOOD PLAIN APPROVAL
	80126	5-26-99	NIA
OCATION:			
YSTEM TYPE/DESC	RIPTION: TROPHY	CALS	40
FFIDAVIT TO THE	PUBLIC REQUIRED ON SUI	RFACE APPLICATION & ET SYSTEM S UTILIZING AEROBIC TREATMENT	S
	EDSERVICE AGR		*********
ATE OF PRELIMIN	ARY ON-SITE INSPECTION:	25 MAY 17	
	ATING DESIGN MEETS THR	0	
	N PLANNING MATERIALS ( IL) REQUIRED INFORMATION		ES: (BE SPECIFIC & EXPLAIN RECEIVED
	REQUIRED INFORMATION	13 RECEIVED)	MAR 1 8 2019
			D2.
			SOCIETY ENGINE
	A. T.		
).		AV	
OTES OR CONCER	NS:		
1.00			
STALLATION ANS	Gyongy ormation:	DATE OF S-2/5 QUITY (A	DATE OF S.3
		- /	
STALLERS NAME:	Whenex		
	1832 O SOFT	CHECK HERE IF DIV	/ERTER VALVE IS USED?
MODE STEED AND	SQ.FT.	ABSORPTION/APPLICATION AREA	
SPECTED BY: TERED IN SUMM/	ARY SHEET 1060 49	DATE OF FINAL INSPEC	TION



## **TECHNICAL BROCHURE**

BGWP23X30



#### **FEATURES**

Choice of Pumps:

• PV Vortex • PS Non-clog • WW05 Vortex

Ribbed 23x30 Polyethylene Basin

Fully assembled at the factory for simplified installation.

Swing type 2" check valve:

• A9-2PH rubber sleeve type • A9-2P compression type Schedule 40, 2" PVC discharge pipe with  $\frac{1}{8}$ " bleed hole is factory installed.

Structural foam cover is strong and corrosion resistant.

Vent grommets for both 2" and 3" vent provided. Adds system flexibility and reduces inventory.

Torque stop insert to stabilize the pump.

Ribbed Basin Inlet Hub is a molded-in, slip-fit type for connection using flexible, slip-fit connectors and clamps (not included).

#### **SPECIFICATIONS**

23 x 30 \_ Basin:

Ribbed polyethylene basin • Usable capacity: 24.8 gallons

Dimensions: 23" w x 30" h • Inlet: 4" inlet hub

MAR 1 8 2019

COUNTY LIVEREER

GWP23x30

ASSEMBLED WASTEWATER PACKAGES



#### PACKAGE WITH PV VORTEX PUMP

PACKAGE				1		
ORDER NUMBER	PUMP	VOLTS	BASIN	COVER	CHECK VALVE	DISCHARGE
GWP1141	PV51P1F	115		18" Structural		
GWP1142	PV52P1F	230		Foam Cover	A9-2PH	
GWP1143	PV51AV	115		with Bolts,	2" Rubber Sleeve	2" Diameter
GWP1144	PV51A1	115	Ribbed Polyethylene	Sealing Tape	Type	x 30" Long
GWP1145	PV51P1	115	23" Diameter x 30" High with	and (2) 2"	7,50	Schedule 40
GWP1241	PV51P1F	115	4" Slip Type Inlet Hub and	and		PVC
GWP1242	PV52P1F	230	Pump Torque Stop Insert	(1) 3" Vent	A9-2P	Discharge
GWP1243	PV51AV	115		and	2"	Pipe
GWP1244	PV51A1	115		Discharge	Compression Type	
GWP1245	PV51P1	115		Grommets	.,,,,,	

#### **PUMP INFORMATION ②**

PUMP MODEL	HP	VOLTS	MAX. AMPS	MIN. CIRCUIT BREAKER	PHASE	FLOAT SWITCH STYLE	POWER CORD LENGTH	DISCHARGE CONNECTION	MAXIMUM SOLID SIZE
PV51AV						T-spliced vertical			
PV51A1		115	13	20		T-spliced wide angle 10'			
PV51P1	0.5	115	13	20	1	Piggyback wide angle		2"	2"
PV51P1F						Piggyback wide angle	20'	1	
PV52P1F		230	6.5	15		Piggyback wide angle	20		

<sup>©</sup> Information on individual basin components for "replacement parts" may be found in the Basin Section, kit numbers CWK11, CWK12, CWK21 and CWK23.

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#### PV51, PV52 PERFORMANCE CHART - See "Performance Chart Note"

Pipe					GI	PM			CO	U.S. ER			
Length		Vertical Head (Feet)											
(Feet)	2	4	6	8	10	12	14	16	18	20			
25	95	89	83	77	70	62	53	45	35	22			
50	83	78	73	67	61	55	48	40	31	20			
75	76	71	66	61	55	50	43	37	28	18			
100	69	65	61	56	51	46	40	33	26	17			
150	60	57	53	49	45	40	35	29	23	16			
200	54	51	48	44	40	36	32	27	21	14			
250	49	47	44	40	37	33	29	24	19	13			
300	46	43	40	37	34	31	27	23	18	12			

NOTE: Shaded area does not meet 21 GPM. Mimimum Scouring Velocity for 2" pipe.

#### PERFORMANCE CHART NOTE

These charts show actual system performance with friction loss factored in for various discharge pipe lengths. Calculations and performance based on a system with 2" PVC, schedule 40 plastic pipe (C150), (4) 90° elbows, (1) check valve and (1) shut-off valve. Wastewater requires a minimum scouring velocity of 21 gpm for 2" pipe. Shaded areas do not provide minimum scouring velocity - use only for gray water with no solids.

② Additional pump information may be found on the pump bulletin.

#### PACKAGE WITH PS PUMP

PACKAGE				(1)	V-1	
ORDER NUMBER	PUMP	VOLTS	BASIN .	COVER	CHECK VALVE	DISCHARGI PIPE
GWP1111	PS51P1F	115				
GWP1112	PS52P1F	230				
GWP1113	PS51AV	115			A9-2PH	
GWP1114	PS51A1	115		18" Structural	2" Rubber	
GWP1121	PS41P1F	115		Foam Cover	Sleeve	
GWP1122	PS42P1F	230		with Bolts,	Туре	2" Diamete
GWP1123	PS41AV	115	Ribbed Polyethylene	Sealing Tape		x 30" Long
GWP1124	PS41A1	115	23" Diameter x 30" High with	and (2) 2"		Schedule 4
GWP1211	PS51P1F	115	4" Slip Type Inlet Hub and	and		PVC
GWP1212	PS52P1F	230	Pump Torque Stop Insert	(1) 3" Vent		Discharge
GWP1213	PS51AV	115		and	A9-2P	Pipe
GWP1214	PS51A1	115		Discharge	2"	
GWP1221	PS41P1F	115		Grommets	Compression	
GWP1222	PS42P1F	230			Туре	
GWP1223	PS41AV	115				
GWP1224	PS41A1	115				

#### **PUMP INFORMATION ②**

PUMP MODEL	НР	VOLTS	MAX. AMPS	MIN. CIRCUIT BREAKER	PHASE	FLOAT SWITCH STYLE	POWER CORD LENGTH	DISCHARGE CONNECTION	MAXIMUM SOLID SIZE			
PS41AV						T-spliced vertical	10'					
PS41A1	0.4	115	10	20		T-spliced wide angle	10					
PS41P1F	0.4					Piggyback wide angle	20'	2"				
PS42P1F		230	5	15	1	Piggyback wide angle	20		2" 2	211 177	2" 050	2"
PS51AV					'	T-spliced vertical	10'	2	2" REC	EIVED		
PS51A1	0.5	115	13	20		T-spliced wide angle	10					
PS51P1F	0.5					Piggyback wide angle	201		MAD 1	0 204		
PS52P1F		230	6.5	15		Piggyback wide angle	20'		MAR 1	0 701		

<sup>©</sup> Information on individual basin components for "replacement parts" may be found in the Basin Section, kit numbers CWK11, CWK12, CWK21, CWK22 and CWK23.

#### PS41 PERFORMANCE CHART - See "Performance Chart Note"

Pipe					GP	M					
Length	Vertical Head (Feet)										
(Feet)	2	4	6	8	10	12	14	16	18	20	
25	96	88	82	74	65	54	43	33	24	14	
50	83	77	70	63	56	47	38	30	22	13	
75	74	68	62	56	49	42	35	28	21	13	
100	67	62	57	51	45	39	33	26	19	12	
150	57	53	48	44	39	34	29	23	17	11	
200	51	47	43	39	35	31	26	22	16	10	
250	46	43	39	36	33	28	24	21	16	10	
300	43	39	37	34	30	27	23	19	15	9	

#### PS51 PERFORMANCE CHART - See "Performance Chart Note"

Pipe					GI	PM				
Length					ead (Feet)					
(Feet)	2	4	6	8	10	12	14	16	18	20
25	105	99	91	84	75	65	55	45	35	25
50	90	85	78	71	63	56	48	40	32	24
75	80	74	69	62	57	50	44	37	30	22
100	72	67	62	57	52	46	40	34	28	21
150	61	58	54	49	45	40	35	31	25	18
200	54	51	48	44	40	36	32	28	23	17
250	50	47	44	40	37	34	30	26	21	16
300	46	43	40	37	34	31	28	24	20	15

NOTE: Shaded area does not meet 21 GPM. Mimimum Scouring Velocity for 2" pipe.

 $<sup>\</sup>ensuremath{\mathfrak{D}}$  Additional pump information may be found on the pump bulletin.

#### PACKAGE WITH WW05 PUMP

PACKAGE				1)		
ORDER NUMBER	PUMP	VOLTS	BASIN	COVER	CHECK VALVE	DISCHARGE PIPE
GWP1131	WW0511AC	115	Dibb ad Dalaskalasa	18" Structural Foam Cover	A9-2PH 2" Rubber	2" Diameter x
GWP1132	WW0512AF	230	Ribbed Polyethylene 23" Diameter x 30" High with	with Bolts, Sealing Tape	Sleeve Type	30" Long Schedule
GWP1231	WW0511AC	115	4" Slip Type Inlet Hub and	and (2) 2" and (1) 3" Vent	A9-2P 2" Compression	40 PVC Discharge
GWP1232	WW0512AF	230	Pump Torque Stop Insert	and Discharge Grommets	Sleeve Type	Pipe

#### **PUMP INFORMATION 2**

PUMP MODEL	НР	VOLTS	MAX. AMPS	MIN. CIRCUIT BREAKER	PHASE	FLOAT SWITCH STYLE	POWER CORD LENGTH	DISCHARGE CONNECTION	MAXIMUM SOLID SIZE	
WW0511AC	0.5	115	13	20	4	Diaguhaek wide angle	20'	2"	2"	
WW0512AF	0.5	230	6.5	15	'	Piggyback wide angle	20	2	2	

<sup>10</sup> Information on individual basin components for "replacement parts" may be found in the Basin Section, kit numbers CWK11, CWK12, CWK21, CWK22 and CWK23.

#### WW05 PERFORMANCE CHART - See "Performance Chart Note"

Pipe	GPM  Vertical Head (Feet)							
Length (Feet)								
	4	6	8	10	12	14	16	
25	75	68	62	52	40	27	13	
50	67	61	54	45	35	24	12	
75	61	55	48	40	32	22	11	
100	56	50	44	37	29	21	11	
150	48	43	38	32	26	18	10	
200	43	39	34	29	23 ·	17	10	
250	39	35	31	26	21	15	10	
300	35	32	29	24	20	14	. 10	

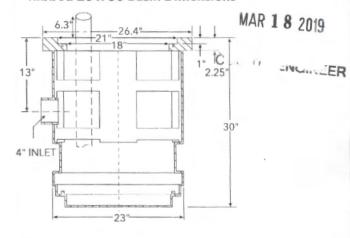
NOTE: Shaded area does not meet 21 GPM. Mimimum Scouring Velocity for 2" pipe.

#### NOMENCLATURE

CHARACTER	CODE			
1 - 3	GWP = GP	Assembled Vortex Wastewater Package		
4 and 5	11	23" x 30" Ribbed basin with A9-2PH check valve		
	12	23" x 30" Ribbed basin with A9-2P check valve		
	11	PS51P1F	20' Piggyback wide angle	
	12	PS52P1F	20' Piggyback wide angle	
	13	PS51AV	10' T- Spliced vertical switch	
	14	PS51A1	10' T- Spliced wide angle	
	21	PS41P1F	20' Piggyback wide angle	
	22	PS42P1F	20' Piggyback wide angle	
	23	PS41AV	10' T- Spliced vertical switch	
6 and 7	24	PS41A1	10' T- Spliced wide angle	
	31	WW0511AC	20' Piggyback wide angle	
	32	WW0512AF	20' Piggyback wide angle	
	41	PV51P1F	20' Piggyback wide angle	
	42	PV52P1F	20' Piggyback wide angle	
	43	PV51AV	10' T- Spliced vertical switch	
	44	PV51A1	10' T- Spliced wide angle	
	45	PV51P1	10' Piggyback wide angle	

## Ribbed 23 x 30 Basin Dimensions

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For additional basin kit data, see basin bulletins BCPCWK11.



Xylem, Inc.

2881 East Bayard Street Ext., Suite A

Seneca Falls, NY 13148 Phone: (866) 325-4210 Fax: (888) 322-5877

www.xyleminc.com/brands/gouldswatertechnology

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<sup>2</sup> Additional pump information may be found on the pump bulletin.

#### OSSF DEVELOPMENT APPLICATION CHECKLIST

Staff will complete shaded

items Date Received Initials

Permit Number

#### Instructions:

Place a check mark next to all items that apply. For items that do not apply, place "N/A". This OSSF Development Application Checklist must accompany the completed application.



Signed Maintenance Contract with Effective Date as Issuance of License to Operate

I affirm that I have provided all information required for my OSSF Development Application and that this application constitutes a completed OSSF Development Application.

Mary A. Johnson
Signature of Applicant

3 - 6 - 19 Date

\_COMPLETE APPLICATION

Check No.\_\_\_\_ Receipt No. \_

INCOMPLETE APPLICATION

(Missing Items Circled, Application Refused)

### **Enforcement Case**

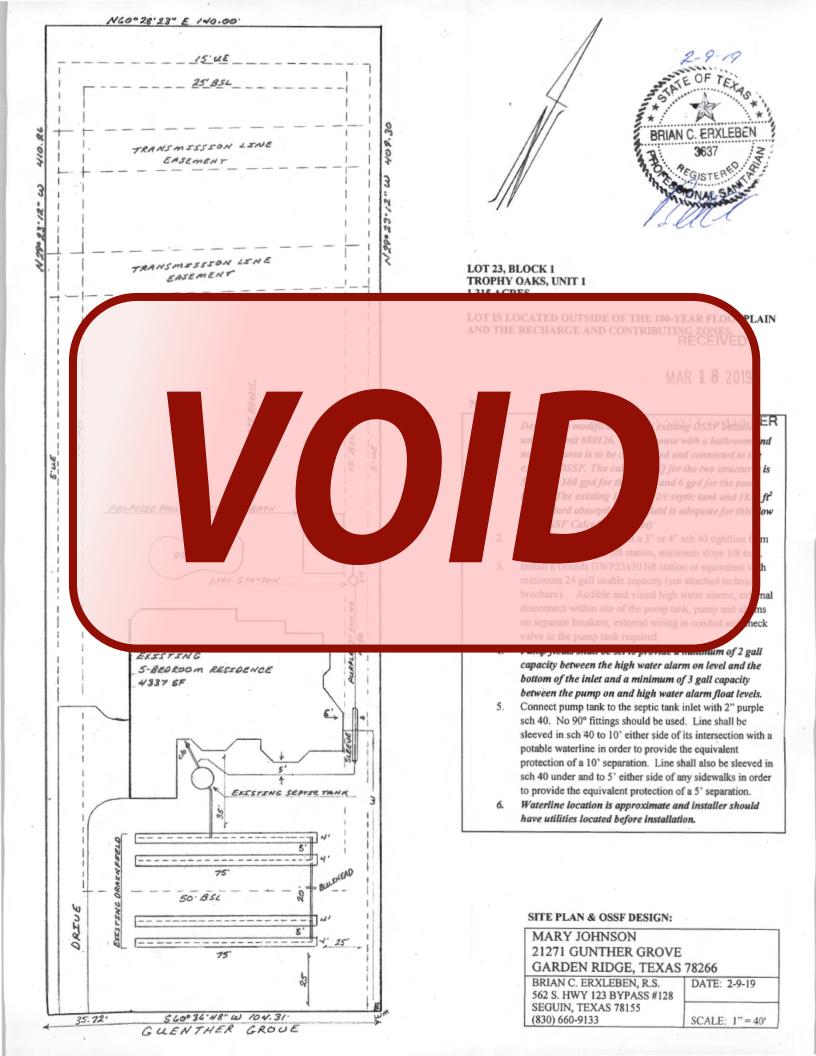
## \* \* \* COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH \* \* \*

APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN

ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

118638

Date 2/9/2019			Permit #	
Owner Name Mary Johnson	on	Agent Name B	rian Erxleben, R.S	S.
Mailing Address 21271 Gunth	her Grove	Agent Address 56	32 S. Hwy 123 By	pass #128
City, State, Zip Garden Ridg	ge, Texas 78266	City, State, Zip S	eguin, Texas 781	55
Phone # 210-559-255	51	Phone # 2	10-559-2551	
Email		Emailba	andverx@gmail.c	om
All correspondence sh	nould be sent to: ☐ Owner ☒	Agent D Both	Method:	Mail 🖾 Email
Subdivision Name Trophy C		Unit 1	Lot 23	Block 1
Acre ge/Legal N/A				
Street: Name/Address2127	1 Gunther Grove			Zip 78266
Type of Development:				
Single Family Re	ial			RECEIVED
ype of Construction	ouse, M RV, F ouse (	exit pool h	ı b	1AR 18 2019
umber of Bedroor	5			3 11 2 0 2010
idicate Sq Ft of Liv	rea NA			JNTY ENGINEE
Commercial or Inst	dity			
(F anning materials mus	equate land ar	quired I eded		disposal area)
ype of Facility				
ffices, Factories, Churc		cate Number Of Occupa		
Astaurants, Lounges, T	heaters - Indicate Number of Se			
How Motel, Hospital, No	ursing Home - Indicate Number			
Travel Trailer/KV Parks	- Indicate Number of Spaces			
Miscellaneous				
Estimated Cost of Construc	oction: \$ 30,000 (St	tructure Only)		
Estimated Cost of Constitution	(οι	adotare orny)		
Is any portion of the propos	sed OSSF located in the United	States Army Corps of Er	ngineers (USACE	) flowage easement?
Yes No (If yes, o	owner must provide approval from USAC	CE for proposed OSSF improve	ements within the USA	ACE flowage easement)
Source of Water   Public	Private Well			
	eing Utilized Within the Residen	ce? ⊠ Yes □ No		
By signing this application, I cert - The completed application and	tify that: d all additional information submitted	d does not contain any false	information and do	oes not conceal any material
facts.				
	to the permitting authority and designation of private sewage facilities	nated agents to enter upon	the above describe	ed property for the purpose of
- I understand that a permit of a	uthorization to construct will not be	issued until the Floodplain	Administrator has p	erformed the reviews required
by the Comal County Flood Da - I affirmatively consent to the or	amage Prevention Order. nline posting/public release of my e-	-mail address associated w	ith this permit appli	cation, as applicable.
Many de pl	MSon	Date	17	Dans 4 c50
Signature ONOWINE (		Date		Page 1 of 2



#### GENERAL WARRANTY DEED WITH VENDOR'S LIEN

(WITH SUBORDINATE VENDOR'S LIEN)

THE STATE OF TEXAS

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF COMAL

THAT GREATER TEXAS BUILDERS, INC., A TEXAS CORPORATION, hereinafter called "GRANTOR" (whether one or more), for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) cash and other good and valuable consideration to GRANTOR in hand paid by, MARY E. JOHNSON, A SINGLE PERSON, whose mailing address is 21271 GUNTHER GROVE, GARDEN RIDGE, TEXAS 78266, hereinafter called "GRANTEE" (whether one or more), the receipt and sufficiency of which are hereby acknowledged, and for the further consideration of the sum paid to GRANTOR by SEBRING CAPITAL CORPORATION, hereinafter called FIRST-LIEN BENEFICIARY, at the special instance and request of GRANTEE, the receipt and sufficiency of which sum, being in the amount of \$415,700.00, is hereby acknowledged and confessed; and as evidence of such advancement, GRANTEE has executed GRANTEE'S note of even date herewith for such amount payable to the order of FIRST-LIEN BENEFICIARY, said note payable as provided therein; and the payment of said note is secured by a vendor's lien reserved herein and is additionally secured by a deed of trust of even date with said note, executed by GRANTEE to DON W. LEDBETTER, TRUSTEE, reference to which deed of trust is hereby made for all purposes; and in consideration of the payment by FIRST-LIEN BENEFICIARY of the sum specified in said deed of trust, GRANTOR hereby transfers, sets over, assigns, and conveys unto FIRST-LIEN BENEFICIARY and its assigns a vendor's lien and superior title retained and reserved herein against the property and premises conveyed herein in the same manner and to the same extent as if said notes had been executed in GRANTOR'S favor and assigned by GRANTOR to FIRST-LIEN BENEFICIARY without recourse; and GRANTOR has GRANTED, SOLD, and CONVEYED, and by these presents does GRANT, SELL, and CONVEY unto said GRANTEE, the following described real property, to-wit:

LOT 23, BLOCK 1, TROPHY OAKS SUBDIVISION, UNIT-1, IN THE CITY OF GARDEN RIDGE, COMAL COUNTY, TEXAS, ACCORDING TO PLAT THEREOF RECORDED IN VOLUME 12, PAGE 196-199, MAP AND PLAT RECORDS, COMAL COUNTY, TEXAS.

TO HAVE AND TO HOLD the above-described premises, together with all and singular the rights and appurtenances thereunto in anywise belonging unto said GRANTEE and GRANTEE'S heirs and assigns forever. GRANTOR does hereby bind GRANTOR and GRANTOR'S heirs, executors, and administrators to warrant and forever defend, all and singular, the said premises unto the said GRANTEE and GRANTEE'S heirs and assigns, against every person whomsoever lawfully claiming, or to claim the same, or any part thereof.

Taxes of every nature for the current year have been prorated and are assumed by GRANTEE. This conveyance is made subject to, all and singular, the restrictions, mineral reservations, royalties, conditions, easements, and covenants, if any, applicable to and enforceable against the above-described property as reflected by the records of the County Clerk of the aforesaid County.

GRANTOR and GRANTEE also acknowledge the retention of a second, subordinate and separate vendor's lien, and GRANTOR hereby transfers the same to GREATER TEXAS BUILDERS, INC., A TEXAS CORPORATION,

and GRANTOR hereby transfers the same to GREATER TEXAS BUILDERS, INC., A TEXAS CORPORATION, hereinafter called "SECOND-LIEN BENEFICIARY", which lien secures GRANTE'S certain other note of even date to SECOND-LIEN BENEFICIARY in the amount of \$40,350.00, being further consideration paid to GRANTOR, as more particularly described in deed of trust of even date herewith to

TRUSTEE. But it is expressly agreed and stipulated that the vendor's lien and superior title are retained in favor of the FIRST-LIEN BENEFICIARY and SECOND-LIEN BENEFICIARY, respectively, against the above described property, premises and improvements, until each of the above respective notes is fully paid according to its terms, when this deed shall become absolute.

When this deed is executed by more than one person, or when the GRANTOR or GRANTEE is more than one person, this instrument shall read as though pertinent verbs, nouns and pronouns were changed to correspond, and when executed by or to a corporation, the words "heirs, executors and administrators" or "heirs and assigns" shall be construed to mean "successors and assigns."

EXECUTED this	26TH	day of	JANUARY	. 2001

GREATER TEXAS BUILDERS, INC., A TEXAS CORPORATION

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