

COMAL COUNTY

ENGINEER'S OFFICE

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date:	06/29/2023		Permit Number:	111440
Location Description:	451 BRAND RI CITY OF BULV) ERDE, TX 78163		
	Subdivision: Unit:	Brand Ranch		
	Lot:	4		
	Block:			
	Acreage:			
Type of System:	Septic Tank			
	Leaching Chamb	oers		
Issued to:	Larry Sunn			

This license is authorization for the owner to operate and maintain a private facility at the location described in accordance to the rules and regulations for on-site sewerage facilities of Comal County, Texas, and the Texas Commission on Environmental Quality.

The license grants permission to operate the facility. It does not guarantee successful operation. It is the responsibility of the owner to maintain and operate the facility in a satisfactory manner.

Alterations to this permit including, but not limited to:

- Increase in the square feet of living area
- Increase in the number of bedrooms
- A change of use (i.e. residential to commercial)
- Relocation of system components (including the relocation of spray heads)
- Installation of landscaping
- Adding new structures to the system

may require a new permit. It is the responsibility of the owner to apply for a new permit, if applicable.

Inspection and licensing of a facility indicates only that the facility meets certain minimum requirements. It does not impede any governmental entity in taking the proper steps to prevent or control pollution, to abate nuisance, or to protect the public health.

This license to operate is valid for an indefinite period. The holder may transfer it to a succeeding owner, provided the facility has not been remodeled and is functioning properly.

Licensing Authority Comal County Environmental Health

ENVIRONMENTAL HEALTH INSPECTOR



ENVIRONMENTAL HEALTH COORDINIATOR

OS0007722

Comal County Environmental Health OSSF Inspection Sheet

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

Perm	rmit#: Address:							
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)(F) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C) 285.32(b)(1)(E) 285.32(b)(1)(E) 285.32(b)(1)(E)(ii)(I) 285.32(b)(1)(E)(ii)(I) 285.32(b)(1)(E)(ii)(I)					
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)					

Inspector Notes:

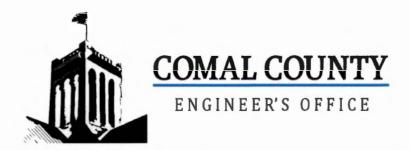
6/27/23 CH: Smaller structure completed and connected to system, larger structure still under construction. Tight line to larger structure buried, owner will uncover to verify connection for final. 6/29/23 CH: Main structure connected, entire system connected and covered

Comal County Environmental Health OSSF Inspection Sheet

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If SingleTank, 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)(ii) (I)285.32(b)(1)(E) (i)285.32(b)(1)(C) (ii)285.32(b)(1)(C) (ii)285.32(b)(1)(C) (i)285.32(b)(1) (B)285.32(b)(1) (A)285.32(b)(1)(E)(iv)				
	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)				
11	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						
	PUMP TANK Volume Installed						
	AEROBIC TREATMENT UNIT Size Installed						
14	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number						
16	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)				

Comal County Environmental Health OSSF Inspection Sheet

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
	DISPOSAL SYSTEM Drip Irrigation						
			285.33(c)(3)(A)-(F)				
19							
	DISPOSAL SYSTEM Soil		205 22(4)(4)				
20	Substitution		285.33(d)(4)				
	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(4)				
			285.33(a)(3) 285.33(a)(1)				
24			285.33(a)(1) 285.33(a)(2)				
21	DISPOSAL SYSTEM Gravelless Pipe						
			285.33(a)(3)				
			285.33(a)(2)				
			285.33(a)(4) 285.33(a)(1)				
22							
	DISPOSAL SYSTEM Mound		285.33(a)(3)				
			285.33(a)(1)				
			285.33(a)(2) 285.33(a)(4)				
23	DISPOSAL SYSTEM Other						
	(describe) (Approved Design)		285.33(d)(6) 285.33(c)(4)				
24			265.55(0)(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							
	DRAINFIELD Pipe and Gravel -		205 22/5//4//5/				
29	Geotextile Fabric in Place		285.33(b)(1)(E)				
	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		285.33(d)(1)(C)(i)				
	Separation Distance between						
31	Trenches						



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

Permit Number:	111440
Issued This Date:	12/18/2020
This permit is hereby given to:	Larry Sunn

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

451 BRAND RD CITY OF BULVERDE, TX 78163

Subdivision: Brand Ranch Unit: Lot: 4 Block: Acreage:

APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Septic Tank Leaching Chambers

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 Comal County requirements.

Call (830) 608-2090 to schedule inspections.



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

Permit Number:	111440
Issued This Date:	12/18/2020
This permit is hereby given to:	Larry Sunn

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

451 BRAND RD CITY OF BULVERDE, TX 78163

Subdivision: Brand Ranch Unit: Lot: 4 Block:



APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System:

Acreage:

Septic Tank Soil Substitution

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 Comal County requirements.

Call (830) 608-2090 to schedule inspections



REVISED 8:25 am, Oct 13, 2020

* * * COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH <u>APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN</u> <u>ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE</u>

Date			. <i>(</i>		Permit # _	1110	140 Tenants with
Owner Name	Larry Sunn + Margaret E	Sin	Agent Name	Nehl	la a j.	sind r	Tenants with
Mailing Address			Agent Address	N/A		R.	ght of Dirvivorship
	Bulverde, TX, 78163		City, State, Zip				
Phone #	210.286.8050		Phone #	N/A			
Email	TexSunn@gmail.com		Email	N/A			
	pondence should be sent to: 🔀 Owne	er 🗌 Agen	t 🗌 Both		Method: [Mail	🔀 Email
Subdivision Nan	ne Brand Ranch		Unit		Lot 4		Block
Acreage/Legal	2.882 acres						
Street Name/Ad	dress _451 Brand Road		City Bulv	verde			Zip _78163
Type of Develo	pment:					iy daya dariyya kutoka da	
🔀 Single Fan	nily Residential					10	
Type of Con	nstruction (House, Mobile, RV, Etc.) Ho	ouse with sm	all Guest house	e			VED
Number of E	3edrooms	3	2			1010	2 2020 · ·
Indicate Sq	Ft of Living Area 3	143	1331			-	# 2020
	le Family Residential		HF 10	-13.	-2020	2	- B
	erials must show adequate land area for do	ubling the reg	110				
Type of Fac							
	tories, Churches, Schools, Parks, Etc.	- Indicate Nu	Imber Of Occur	oants			
	s, Lounges, Theaters - Indicate Number		· · ·	-			
	I, Hospital, Nursing Home - Indicate Nu						
	er/RV Parks - Indicate Number of Space						
Miscellaneo							
Estimated Co	st of Construction: \$ 600,000	(Structure	e Only)				
Is any portion	of the proposed OSSF located in the U	Inited States	Army Corps of	Engine	eers (USA	CE) flowa	ige easement?
🗌 Yes 🔀	No (If yes, owner must provide approval from	n USACE for pr	oposed OSSF impr	ovement	ts within the	USACE flow	vage easement)
Source of Water	Public 🔀 Private Well						•
Are Water Savin	ng Devices Being Utilized Within the Re	esidence? 🔀] Yes 🔲 No	c			
 The completed a facts. I certify the property. 	plication, I certify that: application and all additional information sub at I am the property owner or I possess the hereby given to the permitting authority and	appropriate la	and rights necess	ary to n	nake the pe	rmitted im	provements on said
site/soil evaluation - I understand that by the Comal Co	on and inspection of private sewage facilitie t a permit of authorization to construct will n punty Flood Damage Prevention Order.	es not be issued a	until the Floodplai	in Admi	nistrator ha	s performe	ed the reviews required
- I affirmatively co	risent to the online posting/public release of	f my e-mail ad	/ /			plication,	as applicable.
/ N	\sim		10/2/2	1 20			

Signature of Owner

10/2/20 Date

Page 1 of 2

Revised February 2020

* * * COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH * <u>APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN</u> <u>ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE</u>

Planning Materials & Site Evaluation as Required Completed By Hort Seideritick
System Description Standard Dispesal System the Septil Tenk
Size of Septic System Required Based on Planning Materials & Soil Evaluation
Tank Size(s) (Gallons) 1500 Goulon buck Tenk Absorption/Application Area (Sq Ft) 2025
Gallons Per Day (As Per TCEQ Table III) 540
(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.))
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? ZYes D No
If yes, indicate the city: <u>C. t. of Bulanda</u>

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.

l Signature of Designer

2-Q Date

Page 2 of 2

REVISED

8:25 am, Oct 13, 2020

195 David Jonas Dr., New Braunfels, Texas 78132-3760 (830) 608-2090 Fax (830) 608-2078

Revised July 2018

ON-SITE SEWERAGE FACILITY Soil Evaluation Report Information



at the state

treatment

Date Soil Survey Performed: ____ 1/3/2019 Site Location: 451 Drand Dal

	451 Dianu Ru.		
Name of Site Evaluator:	Hoyt Seidensticker	Registration Number:	OS0008771
Proposed Excavation Depth:	18 inches	County:	Comal

Requirements:

At least two soil excavations must be performed on the site, at opposite ends of the proposed disposal area.

Location of soil boring or dug pits must be shown on the site drawing.

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

Describe each soil horizon and identify any restrictive feature on the form. Indicate depths where features appear.

Soil Borin	Soil Boring Number 1 and 2							
Depth (feet)	Texture Class	Soil Structure	Gravel Analysis	Drainage (Redox Features/ Water Table)	Restrictive Horizon	Observations (color, consistence)		
0	ш	clay loam	<30%	none	none	black		
1 <u>12 i</u> n	ш	Clay loam	<30%			cream with calcareous		
2						material		
3								
4								
5 <u>60 in</u>	•	v	*			*		
Soil Borin	g Number		2					
Depth (feet)	Texture Class	Soil Structure	Gravel Analysis	Drainage (Redox Features/ Water Table)	Restrictive Horizon	Observations (color, consistence)		
0	111	clay loam	<30%	none	none	black		
1 <u>12 i</u> n	111	Clay loam	<30%			cream with calcareous		
2						material		
3								
4								
5 <u>60 in</u>	*	*	▼					

Features of Site Area

х Х

Presence of 100 year flood zone	Yes	<u>No x</u>
Presence of adjacent ponds, streams, water improvements	Yes	No_x_
Existing or proposed water well in nearby area	Yes <u>x</u>	No
Organized sewage service available to lot or tract	Yes	No <u>x</u>
Recharge feature within 150 feet	Yes	No_x

Standard

By my signature, I herby certify that the information provided in this report is based on my site observations and are accurate to the best of my ability.

I understand that any misrepresentation of the information contained in this report my be grounds to revoke or suspend my license. The site evaluation

determined the site is suitable for a

According to table XIII, the site is suitable for this proposed system. A copy of Table XIII has been given to the property owner to inform them of

other alternatives based upon the result of this site evaluation

Signature of Site Evaluator

10-17-2020

disposal system with Septic Tank

WERAGE FACILITY

				ERAGE FA				() c	ENED
Date:	12/31/201							JUT	02 2020
Applicant Informa				Site Eval	luator Inf	formatio	on:		2020
Name: Larry Sunr				Name:	Hoyt Seid	lensticke	er		in the second
Address: P.O. Box 4				Company				Service	s, LLC
City: Bulverde	State: Texas	Zip	78163	Address:	1822 FM	473			
Phone:	210-286-8050			City:	Boerne	State:	Texas	_ Zip:	78006
				Phone:	(210) 414	-6603	Fax:	(830) 3	36-4697
Property Location	12								
Lot: 5 Block:	Sub.: Brand	Ranch			Installer	· inform	ation:		
Street/Road Address	: 451 Brand Road			Name:		James	Riebe		
City: Bulverde	State: Texas	Zip:	78163	Company	:				
Unincorporated Area	? Y or N	У		Address:					
Additional information	n			City:		State:	Texas	Zip:	
				Phone:			Fax:		
Additional information									
Signature of Site E	valuator 12	t/	Ad	1/	Site Eva	luator L	icense No	D:OSOC	08,771

100

t

7

.

Standard System DESIG	VERAGE FACILI		/ISED am, Oct 13, 2020
	RY SUNN		
Property Information:	House Information	guest	Main house
St. Address: 451 Brand Road	No. of Bedrooms:	2	3
City: Bulverde State: Texas	Sq. footage (Approx.):	1331	3743
Zip code: <u>78163</u>	gallons per day	180	360
Predicted Quantity of Sewage (Q)	Water Supply:		well
Water Saving Devises in Home (y/n):yes	Supply Line From Tank a	& Lateral L	ines
Gallons/day (Q): 540	Length of supply line (app	rox. ft):	50
Greywater included (yes/no): yes	Type of supply line:		min of SDR 35
Rate of Adsorption (Ra)	Size of supply line (in):		4
Application rate (g/sq. ft): 0.2	Total length of manifo	ld (ft):	step downs
Minimum Adsorptive Area in (sq. ft.):2700	Manifold pl	acement:	end
25% reduction Min Abs area (sq. ft.):2025	Number o	f laterals:	4
Supply Line from House	Туре с	of laterals:	leaching chambers
Total length of supply line (approx. ft):55	Number	of panels:	81
Type of supply line: min Sch 40	Tot length of laterals requi	red (ft):	405
Size of Supply line (in): 3 or 4	Tot length of laterals insta	lled (ft):	405
Septic Tank Capacity	Trench Information		
Block Creek Concrete Products tank	Trench	depth (in):	18
or equivalent:1	Single trench leng	gth (ft):	100,100,100,105
Minimum Total tank volume (gallons): <u>1500</u>	Trench	width (ft):	3
1st compartment size (gallons): 1000	Gravel der	oth under	
2nd compartment size (gallons):500	lateral (min	imum in):	N/A
	Minimum total gravel dept	h (in):	N/A

All design criteria is in accordance with TCEQ, Title 30, TAC Chapter 285, Subchapter D, On-Site Sewage Facilities (Effective December 27, 2012). The above design was based on the best available information and should function properly under normal operating conditions. All changes or modifications made to design must be approved by the below signed designer.

 10/13/2020

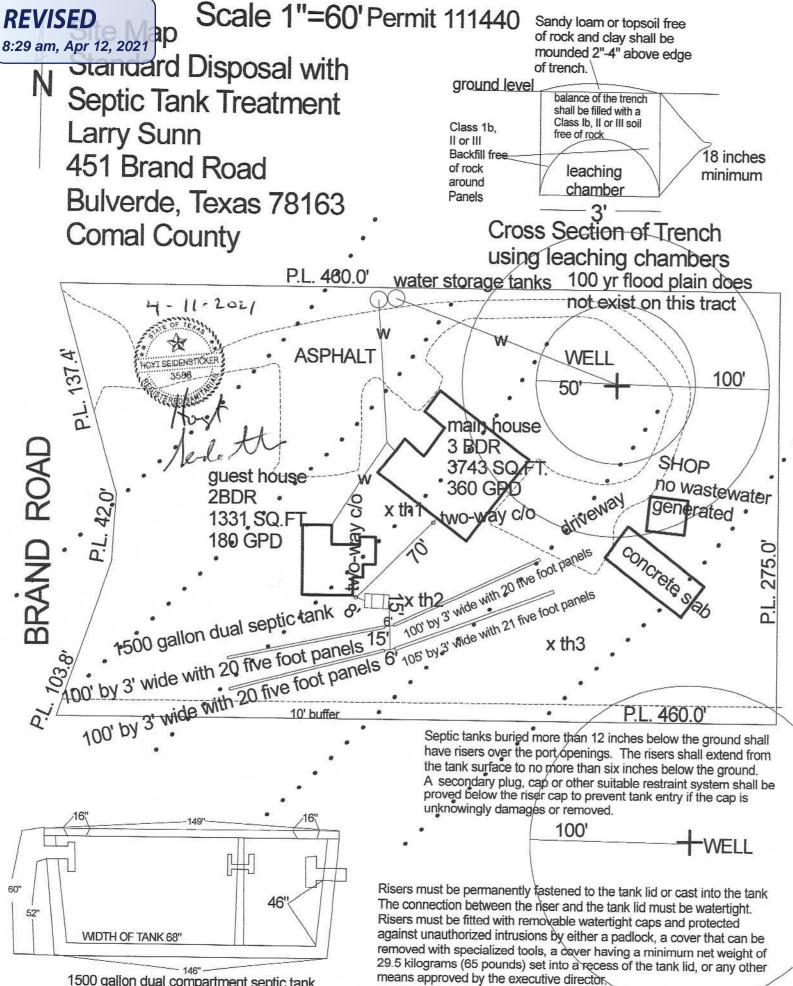
 Hoyt Seidensticker, R.S. No. 3588
 Date

 Land Stewardship Services, 1822 FM 473, Boerne, Texas 78006
 Cell (210) 414-6603,



Effective Immediately: If any change(s) are made that require a revision to this design, a \$75.00 fee will be assessed. This includes,

but not limited to, change(s) in the house size, number of bedrooms, location of house or one type of system to another.



1500 gallon dual compartment septic tank

RECEIVED By Allyse Gros at 11:34 am, Dec 18, 2020



LOCATION NAME: NSFR

CONTRACTOR: Larry Sunn

CITY, STATE, ZIP: Bulverde, TX 78163

EMAIL ADDRESS: texsunn@gmail.com

ADDRESS: P.O. Box 428

PHONE: (210) 286-8050

SQ FT: 0.00

CONTACT NAME: Larry Sunn ALT PHONE: (210) 307-5465

PROJECT VALUATION: 0.00

PLAN REVIEW BY:

SUBDIVISION:

OWNER: Larry Sunn

CITY OF BULVERDE New Single Family (Residential) Permit

PERMIT# 2020-347

PROJECT ADDRESS: 451 Brand Road Bulverde, TX 78163

DATE ISSUED

D 12/17/2020

NOTES: Engineering and truss drawings to be on site

Do not cover any windbrace fasteners before inspection

Form survey required at plumbing rough in inspection

BB 3170

PERMIT TYPE

New Single-Family

AMOUNT DUE

Residential

TOTAL:

\$0.00

NOTICE

THIS PERMIT BECOMES NULL AND VOID IF WORK OR CONSTRUCTION AUTHORIZED IS NOT COMMENCED WITHIN 180 DAYS, OR IF CONSTRUCTION OR WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AT ANY TIME AFTER WORK IS STARTED. SEPARATE PERMITS FOR ELECTRICAL, PLUMBING, MECHANICAL, AND PAVING ARE REQUIRED. ALL PERMITS REQUIRE FINAL INSPECTION.

I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS DOCUMENT AND KNOW THE SAME TO BE TRUE AND CORRECT. ALL PROVISIONS OF LAWS AND ORDINANCES GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT. GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISION OF ANY OTHER STATE OR LOCAL LAW REGULATING CONSTRUCTION OR THE PERFORMANCE OF CONSTRUCTION.

(SIGNATURE OF CONTRACTOR OR AUTHORIZED AGENT)

LARRY SUNN

PRINTED NAME

NINTED COMPANY NAME 2020 rdeners 12/17

ISSUED BY CITY OF BULVERDE

> 30360 Cougar Bend, Bulverde Texas 78163 830.438.3612 / 830.980.8832 metro / 830.438.4339 fax www.bulverdetx.gov

RECEIVED By Allyse Gros at 11:35 am, Dec 18, 2020



MISCELLANEOUS INFORMATION

- EACH PERMIT SHALL BE POSTED AND VISIBLE AT THE PROJECT SITE. ALL PLANS SHOULD BE MAINTAINED AT THE PROJECT SITE IN A WATERPROOF CONTAINER.
- All Contractors must be registered with the City of Bulverde before beginning any work in the City. Requirements for registration can be found on the City's website <u>www.bulverdetx.gov</u> under Contractor Registration Form. Contractor Registration shall be renewed annually.
- All construction projects in the city limits of Bulverde must utilize Waste Connections for all waste disposal services. <u>www.wasteconnections.com</u> (877) 288-9269
- A driveway permit is required for construction projects of all new residences or new commercial buildings in the city limits of Bulverde, with the exception of projects in gated communities. <u>WHEN APPLICABLE, THE FINAL</u> BUILDING INSPECTIONS WILL NOT BE SCHEDULED UNTIL THE DRIVEWAY PERMIT APPLICATION AND FEES HAVE BEEN RECEIVED.

COMMERCIAL PROJECTS

- All commercial properties will require a Certificate of Occupancy along with a Fire and Life Safety Inspection Registration form. Both forms must be received before final inspections will be scheduled.
- Signage: All signs and/or banners require a separate permit and must comply with guidelines outlined in the City of Bulverde Code of Ordinances Chapter 3; Article 3.08 Signs.
- CIVIL SITE INSPECTIONS: The City must receive an inspection letter from the Engineer for the civil site inspection. The letter must be signed and sealed by the Engineer and must be received before the issuance of a certificate of occupancy.

INSPECTIONS

NO WORK may be concealed prior to inspection and written authorization by the Inspector.

Inspections should be requested by contacting City Hall at 830-438-3612 Monday – Friday. Call by 4:00 p.m. to be scheduled for the next business day. **INSPECTION TIMES ARE NOT GUARANTEED.**

ALL FOUNDATIONS WILL REQUIRE A PRE-POUR INSPECTION

ALL FIRE INSPECTIONS WILL REQUIRE A 72-HOUR NOTICE FOR SCHEDULING PURPOSES.

2015 ICC Energy code (commercial) and 2015 ICC Residential code (new homes): The state is mandating that all cities begin using the 2015 Energy code, effective September 1st, 2016. All energy inspections are to be completed by a third party inspections group in accordance with the 2015 ICC Energy Code.

The builder is responsible for hiring and paying for these inspections separate from any other inspections required by the city. The City and BB Inspections DO NOT CONDUCT these IECC Energy inspections.

The Builder will be required to provide documentation from the inspection company showing compliance for these inspections at the time of the final:

- Blower Door
- Duct Blower

Builders are also required to attach a compliance sticker on the main or sub-panel box.

The certification letters are to be left on site at <u>FINAL</u> for the inspector to collect. The Energy Final <u>WILL</u> <u>NOT</u> be passed without these documents <u>ON SITE</u> for the inspector.

The companies should be knowledgeable of the inspections and the documentation required and can answer more specific questions as to when and what is required for these tests.

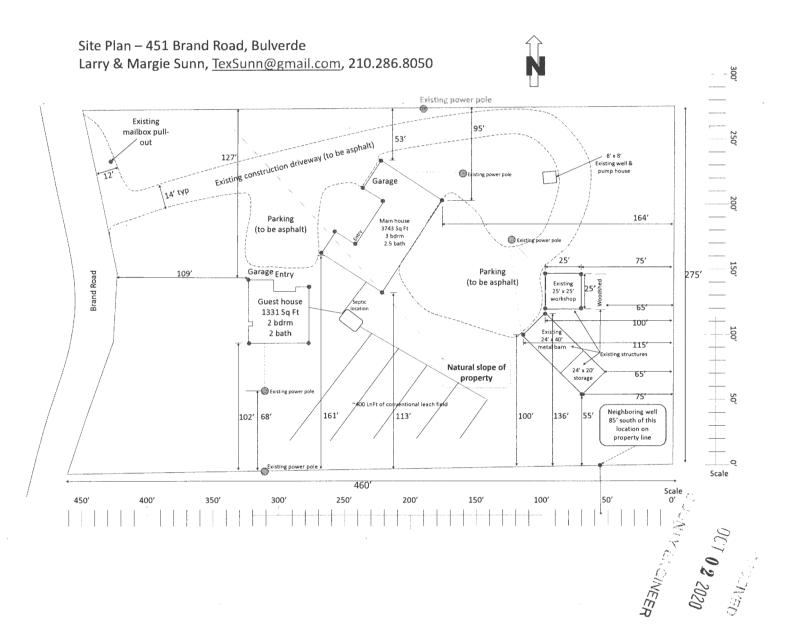
We do not have and cannot provide any recommendations on companies that perform these tests.

MISCELLANEOUS NUMBERS

ELECTRIC	City Public Service (CPS) www.cpsene	rgy.com (210) 353-2222	
	Pedernales Electric Cooperative (PEC)	www.pec.coop (877) 372-0391	(830) 964-3346
WATER	Canvon Lake Water Service Company	www.chwsc.com (830) 964-2166	

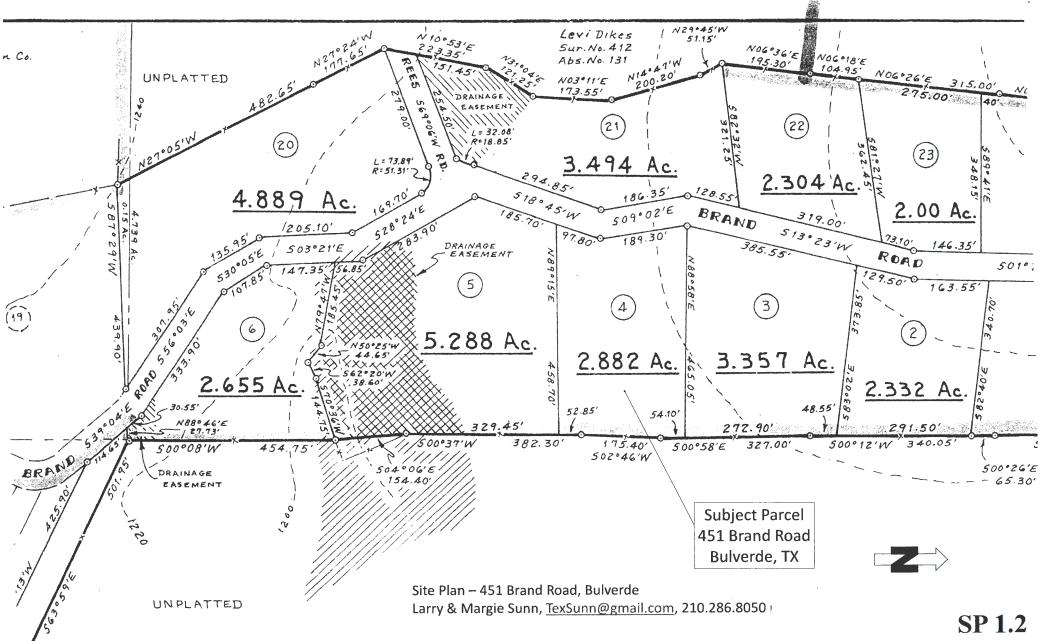
Southwest Water Company <u>www.ctwsc.com</u> (830) 904-2106 <u>www.swwc.com</u> (866) 654-7992

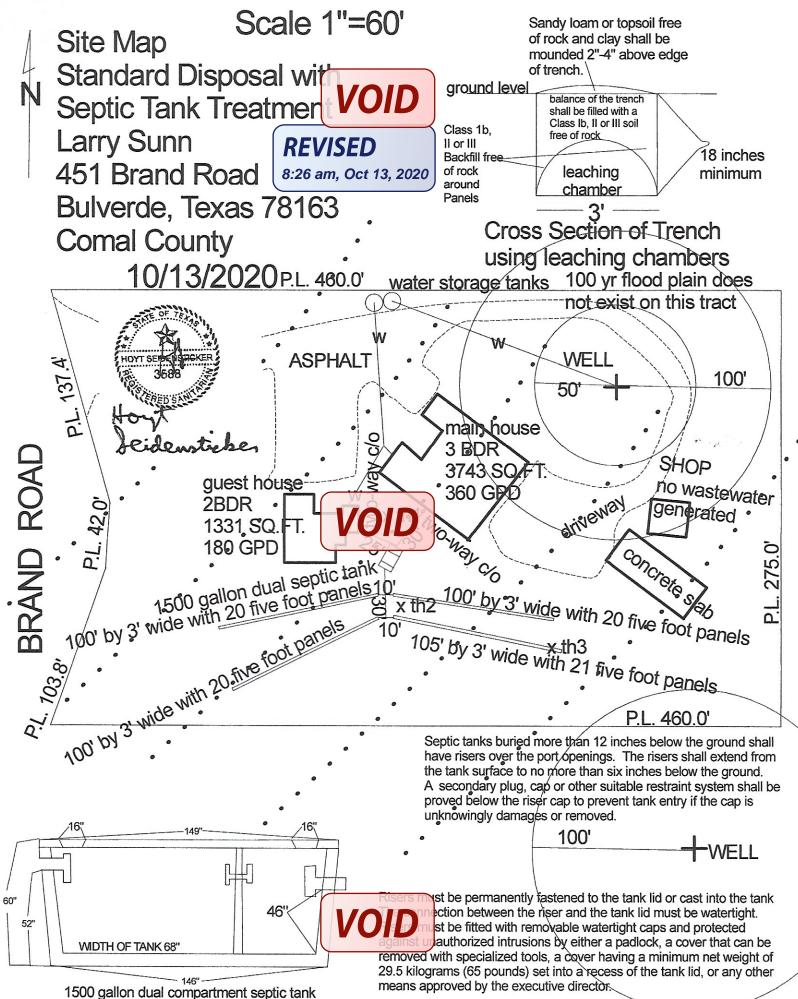
SEPTIC SYSTEM PERMITS Comal County Engineer's Office www.cceo.org (830) 608-2090



SP1.4

-





Re: Larry Sunn

Brand Ranch Lot 4

Application for Permit for Authorization to Construct an On-Site Sewage Facility

Larry,

The following information is needed before I can continue processing the referenced permit submittal:

The owner name on the permit application must match the owners as described on the recorded warranty deed.

Submit a copy of the approved building permit from the City of Bulverde, or a letter from the City of Bulverde giving permission for Comal County to issue the septic permit.

Submit an Affidavit that both structures will be for the exclusive use of the same single family household, or identify the number of bedrooms and aq. Ft. of living area for each structure on the permit application.



There is a discrepancy between the 2nd page of the permit application which indicates soil substitution, and the design which is for a leaching chamber panel system.

5. The Soil Evaluator needs to confirm the soil conditions from 12 to 60 inches on the Soil Evaluation Report Form.

6. Revise as needed and resubmit.

Thank you,

Brenda Ritzen, OS0007722 Environmental Health Coordinator Comal County Engineers Office 195 David Jonas Drive New Braunfels, Texas 78132 830-608-2090 www.cceo.org * * COMAL COU APPLICATION ENVIRONMENTAL HEALTH * * * THORIZATION TO CONSTRUCT AN AND LICENSE TO OPERATE

Permit # 111412 Date Owner Name Larry Sunn Agent Name N/A Mailing Address PO Box 428 Agent Address N/A City, State, Zip N/A City, State, Zip Bulverde, TX, 78163 Phone # Phone # N/A 210.286.8050 Email N/A Email TexSunn@gmail.com All correspondence should be sent to: 🔀 Owner 🗌 Agent 🗌 Both Method: Mail X Email Unit Lot 4 Block Subdivision Name Brand Ranch Acreage/Legal 2.882 acres Street Name/Address 451 Brand Road City Bulverde Zip 78163 Type of Development: Single Family Residential Type of Construction (House, Mobile, RV, Etc.) House with small Guest house OCT 02 2020 Number of Bedrooms 5 total Indicate Sq Ft of Living Area 5074 total Non-Single Family Residential ER (Planning materials must show adequate land area for doubling the required land needed for treatment units and disposal area) Type of Facility Offices, Factories, Churches, Schools, Parks, Etc. - Indicate Number Of Occupants Restaurants, Lounges, Theaters - Indicate Number of Seats _____ Hotel, Motel, Hospital, Nursing Home - Indicate Number of Beds Travel Trailer/RV Parks - Indicate Number of Spaces Miscellaneous Estimated Cost of Construction: \$ 600,000 (Structure Only) Is any portion of the proposed OSSF located in the United States Army Corps of Engineers (USACE) flowage easement? Yes 🔀 No (If yes, owner must provide approval from USACE for proposed OSSF improvements within the USACE flowage easement) Source of Water Dublic R Private Well Are Water Saving Devices Being Utilized Within the Residence? X Yes No By signing this application, I certify that: - The completed application and all additional information submitted does not contain any false information and does not conceal any material facts. I certify that I am the property owner or I possess the appropriate land rights necessary to make the permitted improvements on said property. - Authorization is hereby given to the permitting authority and designated agents to enter upon the above described property for the purpose of site/soil evaluation and inspection of private sewage facilities.. - I understand that a permit of authorization to construct will not be issued until the Floodplain Administrator has performed the reviews required by the Comal County Flood Damage Prevention Order.

- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Signature of Owner

10/2/2020

Page 1 of 2

195 David Jonas Dr., New Braunfels, Texas 78132-3760 (830) 608-2090 Fax (830) 608-2078

Revised February 2020

* * * COMAL COUNT APPLICATION FOR ON-SITE SE ON-SITE SE VIRONMENTAL HEALTH * * * RIZATION TO CONSTRUCT AN LICENSE TO OPERATE
Planning Materials & Site Evaluation as Required Completed By Host Seiderstick
System Description Standard D. Sol Substitution System in Septil Tenk
Size of Septic System Required Based on Planning Materials & Soil Evaluation
Tank Size(s) (Gallons) 1500 Gellon Durin Tenk Absorption/Application Area (Sq Ft) 2025
Gallons Per Day (As Per TCEQ Table III) 540
(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ.)
(ones generating indice sharroocce gallons per cay are required to obtain a permit anody inclear) RECEIVED
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.))
Is there an existing TCEQ approved WPAP for the property? Yes No
Is there an existing TCEQ approved WPAP for the property? Yes No COUNTY ENGINEER
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 complete the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the proposed WPAP has been used for the proposed OSSF until the proposed WPAP has been used for the proposed OSSF until the proposed WPAP has been used for the proposed OSSF until the proposed WPAP has been used for the proposed OSSF until the proposed WPAP has been used for the proposed WPAP. A Permit to Construct will not
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? Z Yes C No
If yes, indicate the city: C, b of Bulverda
· · ·
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.

Signature of Designer

٠

.

 $\frac{2 - \left[\cancel{p} - 1 \right] - 1 }{\text{Date}}$

Page 2 of 2

195 David Jonas Dr., New Braunfels, Texas 78132-3760 (830) 608-2090 Fax (830) 608-2078

Revised July 2018



Date Soil Survey Performed: 1/3/2019 L OCT O 2 2020 COUNTY COUNTY COUNTY 451 Brand Rd. Site Location: Hoyt Seidensticker Name of Site Evaluator: Registration Number: QS0008771 Proposed Excavation Depth: 18 inches County: Comal

Requirements:

At least two soil excavations must be performed on the site, at opposite ends of the proposed disposal area. Location of soil boring or dug pits must be shown on the site drawing.

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

Describe each soil horizon and identify any restrictive feature on the form. Indicate depths where features appear.

Soil Boring	g Number		1 and 2			
Depth (feet)	Texture Class	Soil Structure	Gravel Analysis	Drainage (Redox Features/ Water Table)	Restrictive Horizon	Observations (color, consistence)
0		clay loam	<30%	лопе	none	black
1 <u>12 i</u> n		Clay loam	<30%			cream with calcareous
2						material
3						
4				OID		
5 60 in						
Soil Borin	g Number		2			
Depth (feet)	Texture Class	Soil Structure	Gravel Analysis	Drainage (Redox Features/ Water Table)	Restrictive Horizon	Observations (color, consistence)
0	and a second sec	clay loam	<30%	none	none	black
1 <u>12 i</u> n	31	Clay loam	<30%			cream with calcareous
2						material
3						
4	•					
5 60 in						

Features of Site Area

disposal system with Septic Tank

treatment

Presence of 100 year flood zone	Yes Nox
Presence of adjacent ponds, streams, water improvements	Yes No_x
Existing or proposed water well in nearby area	Yes_x_ No
Organized sewage service available to lot or tract	Yes No <u>x</u>
Recharge feature within 150 feet	YesNo_x_

By my signature, I herby certify that the information provided in this report is based on my site observations and are accurate to the best of my ability.

I understand that any misrepresentation of the information contained in this report my be grounds to revoke or suspend my license. The site evaluation

determined the site is suitable for a Standard

According to table XIII, the site is suitable for this proposed system. A copy of Table XIII has been given to the property owner to inform them of

other alternatives based upon the result of this site evaluation

Signature of Site Evaluator

2/12/2019 12:10 AM Standard System

ON SITE SEWERAGE FACILITY VOID ON CRITERIA

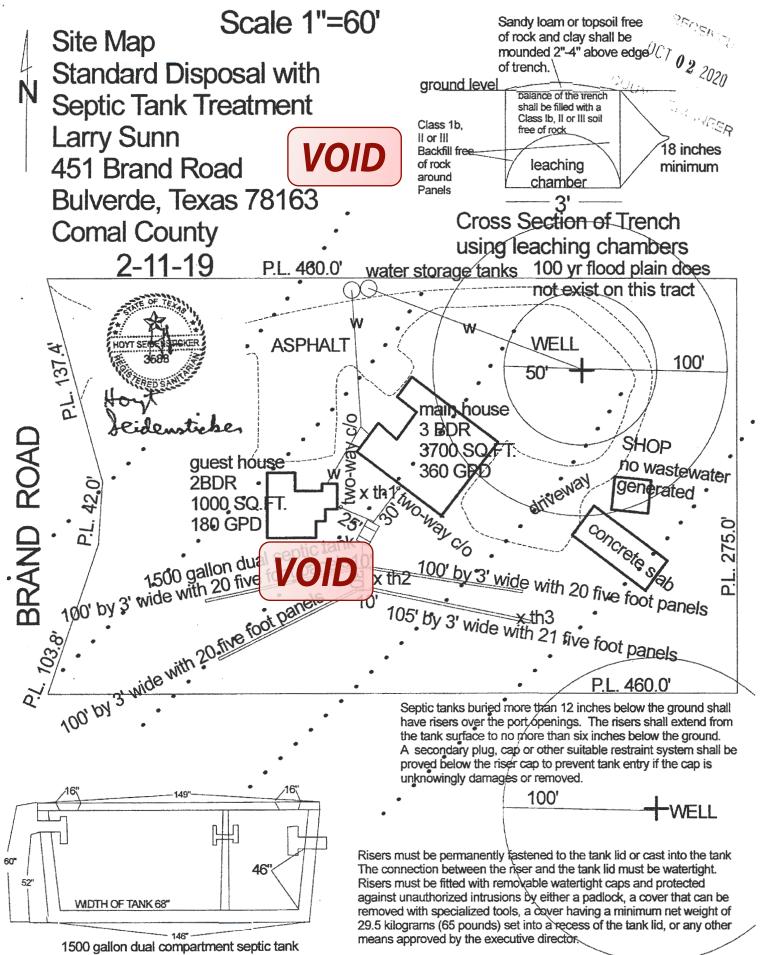


			≈ <u20< th=""></u20<>
Property Information:	House Information	guest	Main house
St. Address: 451 Brand Road	No. of Bedrooms:	2	31NEER
City: Bulverde State: Texas	Sq. footage (Approx.):	1000	3700
Zip code: <u>78163</u>	gallons per day	180	360
Predicted Quantity of Sewage (Q)	Water Supply:		well
Water Saving Devises in Home (y/n):yes	Supply Line From Tank & Lateral Lines		
Gallons/day (Q): 540	Length of supply line (app	orox. ft):	50
Greywater included (yes/no):yes	Type of su	pply line:	min of SDR 35
Rate of Adsorption (Ra)	Size of supply li	ne (in):	4
Application rate (g/sq. ft): 0.2	Total length of manif	old (ft):	step downs
Minimum Adsorptive Area in (sq. ft.): 2700	Manifold placement:		end
25% reduction Min Abs area (sq. ft.): 2025	Number o	f laterals:	4
Supply Line from House	Туре о	f laterals:	leaching chambers
Total length of supply line (approx. ft): 55	Number	of panels:	81
Type of supply line: min Sch 40	Tot length of laterals requ	uired (ft):	405
Size of Supply line (in):	Tot length of laterals insta	alled (ft):	405
Septic Tank Capacity	Trench Information		
Block Creek Concrete Products tank	Trench	depth (in):	18
or equivalent: 1	Single trench ler	ngth (ft):	100,100,100,105
Minimum Total tank volume (gallons): 1500	Trench	width (ft):	3
1st compartment size (gallons): 1000	Gravel dep	oth under	
2nd compartment size (gallons): 500	lateral (min	imum in):	N/A
• • • • • •	Minimum total gravel dep	oth (in):	N/A
All design criteria is in accordance with TCEQ, Title	e 30, TAC Chapter 285, Su	bchapter I	D, On-Site
		• •	

Sewage Facilities (Effective December 27, 2012). The above design was based on the best available information and should function properly under normal operating conditions. All changes or modifications made to design must be approved by the below signed designer.

2/11/2019Hoyt Seidensticker, R.S. No. 3588DateLand Stewardship Services, 1822 FM 473, Boerne, Texas 78006Cell (210) 414-6603,Hoyt Seidensticker

Effective Immediately: If any change(s) are made that require a revision to this design, a \$75.00 fee will be assessed. This includes,





Notice of confidentiality rights: If you are a natural person, you may remove or strike any or all of the following information from any instrument that transfers an interest in real property before it is filed for record in the public records: your Social Security number or your driver's license number.

General Warranty Deed

Date: January 30, 2020

Grantor: Larry A. Sunn and Margaret E. Sunn

Grantor's Mailing Address: 10 Box 428 BULVERDE TX 78163

Grantee: Larry A. Sunn and Margaret E. Sunn and Janette Nehls as Joint Tenants with **Right of Survivorship**

Grantee's Mailing Address: POBOX 428 BULVERDE TX 78163

Consideration: Cash and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged this chapter for consideration clauses.

Property (including any improvements): Field notes for a survey of 2.882 acres of land out of the Levi Dikes Survey No. 412, Abstract No. 131 in Comal County, Texas, said 2.882 acres of land being more Particularly Described as Follows:

BEGINNING at an iron pin in fence on the occupational east line of the above referenced Levi Dikes Survey No. 412 for the southeast corner of this tract, said iron pin being North 00* 24' West, 938.20 feet from the Southeast corner of said Survey No. 412.

THENCE South 89* 15' West, 458.70 feet to an iron pin on the East right-of-way line of a 60' wide ingress-egress easement for the Southwest corner of this tract.

THENCE along said right-of-way line, North 18* 45' East, 97.80 feet to an iron pin, and North 09* 02' West, 189.30 feet to an iron pin for the northwest corner of this tract.

THENCE North 88* 58' East, 465.05 feet to an iron pin in fence on the occupational East line of Survey No. 412 for the Northeast corner of this tract.

THENCE with fence along said survey line, South 00* 58' East, 54.10 feet, South 02* 46' West, 175.40 feet, and South 00* 37' West, 52.85 feet to the PLACE OF BEGINNING.

KTG1604-19-1531

Page 1 of 3

Reservations from Conveyance: None

Exceptions to Conveyance and Warranty:

This conveyance is made and accepted subject to all restrictions, covenants, conditions, rights-of-way, assessments, outstanding royalty and mineral reservations and easements, if any, affecting the above described property that are valid, existing and properly of record as of the date hereof and subject, further, to taxes for the year 2020 and subsequent years.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

When the context requires, singular nouns and pronouns include the plural.

Margaret E. Sunn

STATE OF TEXAS COUNTY OF BEXAR

Before me, $(\underline{Auyuun Wayuu Sunn Wayuu Sunnon this day personally appeared Larry A. Sunn and Margaret E. Sunn, known to me or proved to me on the oath of ______ or through <math>\underline{TX.DL}$ to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he (she) executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this <u>3D</u> day of <u>anualy</u>, 2020.

Notary Public Signature

otary Public, State of Texas Comm. Expires 04-09-2022 Notary ID 131521780

After filing, please return to: Larry A. Sunn and Margaret E. Sunn <u>40 Bex 428</u> Bergy ELDE, TX 18163

RECEIVED OCT **0 2** 2020 COUNTY ENCINEER

Filed and Recorded Official Public Records Bobbie Koepp, County Clerk Comal County, Texas 01/30/2020 12:30:47 PM LAURA 3 Page(s) 202006003653

٠,

Page 3 of 3



OSSF DEVELOPMENT APPLICATION CHECKLIST

Staff will complete shaded items

Date Received Initials

ECENTED Permit Number 2020

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.

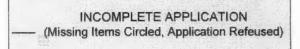
OSS	F Permit
\times	Completed Application for Permit for Authorization to Construct an On-Site Sewage Facility and License to Operate
\times	Site/Soil Evaluation Completed by a Certified Site Evaluator or a Professional Engineer
\times	Planning Materials of the OSSF as Required by the TCEQ Rules for OSSF Chapter 285. Planning Materials shall consist of a scaled design and all system specifications.
\times	Required Permit Fee - See Attached Fee Schedule
\times	Copy of Recorded Deed
	Surface Application/Aerobic Treatment System
	Recorded Certification of OSSF Requiring Maintenance/Affidavit to the Public
	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.

Signature of Applicant

1			
-	COMPLETE APPLICATION		
(Check No. Receipt No.	ĸ	

10/2/2020 Date



Revised: September 2019