

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date:

10/17/2019

Permit Number:

108229

Location Description:

235 TAMARACK DR

CANYON LAKE, TX 78133

Subdivision:

Tamarack Shores

Unit:

.....

Lot:

18

Block: Acreage:

Type of System:

Septic Tank

Leaching Chambers

Issued to:

Jeffrey Jones

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

OS0032485

VIRONMENTAL HEALTH INSPECTOR

ENVIRONMENTAL HEALTH COORDINATOR

OS 0025599

Installer Name: D. Barker	,		OSSF Installer #: 05 0	100828	7		Lind
1st Inspection Date: 10-15	Installer Name: D. Barker 1st Inspection Date: 10-15-19		e:	3pd Inspection	Date: /0-/	7-190	
Inspector Name: Conner	,	Inspector Name:		inspector i	Inspector Name: Connor		
Permit#: 108229			Address: Tamarack	Shores	235 Ta	marack	L A.
SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials	Ammont	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)	Notes		Let Image.	2nd Insp.	3rd Insp.
SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards		285.91(10) 285.30(b)(4) 285.31(d)			+		
SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	1	285.32(a)(1)			-		
SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	1	285.32(a)(3)			-		
SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	1	285.32(a)(5)			1		
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)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(ii) 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)					
PRETREATMENT Grease Interceptors if required for		285.34(d)					

tank set level no leaks trenches level - panels installed

10-17-19 - IC covered

94cs	Description	Anwser	Citations	Notes	1st Insp.	2nd Imp.	V and Imp.
40	APPLICATION AREA Distribution Pipe, Fitting, Sprinkler Heads & Valve Covers Color Coded Purple?		285.33(d)(2)(G)(iii)(ii)285.3 3(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)(ii) 285.33(d)(2)(G)(iii)(i)				
40	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)				/
42	APPLICATION AREA Area installed	/					/
43	PUMP TANK Meets Minimum . Reserve Capacity Requirements						F. A. S.
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						

Installer Name: D. Constant			OSSF Installer #: UDU	1008201			
1st Inspection Date: 10-15	-19	2nd Inspection Da	te:	3rd Inspection D	ate:		
Inspector Name: Connor	-	Inspector Name:		Inspector Name:			0475
Permit#: 108229			Address: Tamarack	Shores .	235 Ta	marach	L A.
No. Description	Anwser	Citations	Notes		1st Insp.	2nd Insp.	3rd Insp.
SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials	1	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)			-		
SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards	1	285.91(10) 285.30(b)(4) 285.31(d)					
SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	-	285.32(a)(1)			/		
SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	1	285.32(a)(3)			-		
SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	1	285.32(a)(5)			/		
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)(C)(i) 285.32(b)(1)(C)(ii) 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) 285.32(b)(1)(E)(ii)(II)					
PRETREATMENT Grease Interceptors if required for		285.34(d)			-		

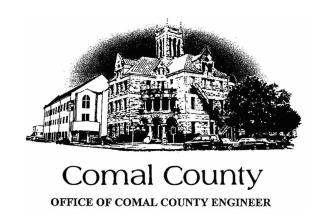
tanh set · level · no leaks trenches level - panels installed

lo.	Description	Anwser	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If SingleTank, 2 Compartments Provided with Baffle SEPTIC TANK Inlet Flowline Greater than 3" and " T " Provided on Inlet and Outlet SEPTIC TANK Septic Tank(s) Meet Minimum 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)(II) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii) 285.32(b)(1)(D) 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)				
	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used	/	285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)		1		
0	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
1	SEPTIC TANK Secondary restraint system provided SEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d) 285.38(e)				
2	SEPTIC TANK Tank Volume Installed						
3	PUMP TANK Volume Installed						
4	AEROBIC TREATMENT UNIT Size Installed	1			/		
	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	1		750 gal 51	1		
	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)	,			
7	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
8	DISPOSAL SYSTEM Evapo- transpirative		285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				

No.	Description	Anwser	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
	DISPOSAL SYSTEM Drip Irrigation		285.33(c)(3)(A)-(F)				
9	DISPOSAL SYSTEM Soil						
.0	Substitution		285.33(d)(4)				
	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(3) 285.33(a)(1) 285.33(a)(2)				
!1	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)				
24	DISPOSAL SYSTEM Other (describe) (Approved Design)	1	285.33(d)(6) 285.33(c)(4)	aerobic spray	-		
	DRAINFIELD Absorptive Drainline 3" PVC or 4" PVC						
16	DRAINFIELD Area Installed						
	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	DRAINEIEI D O' I C I						
29	DRAINFIELD Pipe and Gravel - 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 (per manufacturers spec.)		285.33(c)(2)				
30			Carlon Carlon				
31	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length & Width, and Adequate Separation Distance between Trenches		285.33(d)(1)(C)(i)				

No.	Description	Anwser	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)		-		
	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	1111					
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	NIA			1,		

No.	Description	Anwser	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)285.3 3(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)(ii) 285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iii)(I)				
41	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)				
42	APPLICATION AREA Area Installed						
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	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: 108229

Issued This Date: 10/18/2018

This permit is hereby given to: Jeffrey Jones

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

235 TAMARACK DR CANYON LAKE, TX 78133

Subdivision: Tamarack Shores

Unit: 2

Lot: 18

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.

OSSF DEVELOPMENT APPLICATION CHECKLIST	Staff will complete shaded
	items Date Received initials
RECEIV	/DS229 Permit Number
OCT 15 2	018
Instructions: COUNTY ENCY Place a check mark next to all items that apply. For items that do not apply, place	AT .
Place a check mark next to all items that apply. For items that do not apply, place Application Checklist must accompany the completed application.	NACET his OSSF Development
OSSF Permit	
Completed Application for Permit for Authorization to Construct an On Operate	-Site Sewage Facility and License to
Site/Soil Evaluation Completed by a Certified Site Evaluator or a Profe	essional Engineer
Planning Materials of the OSSF as Required by the TCEQ Rules for C shall consist of a scaled design and all system specifications.	OSSF Chapter 285. Planning Materials
Required Permit Fee	
Copy of Recorded Deed	
Surface Application/Aerobic Treatment System	
Recorded Certification of OSSF Requiring Maintenance/Affidavi	t to the Public
Signed Maintenance Contract with Effective Date as Issuance of	of License to Operate
I affirm that I have provided all information required for my OSSF Development constitutes a completed OSSF Development Application.	t Application and that this application
Signature of Applicant	10/15/18 Date
COMPLETE APPLICATIONINCO	MPLETE APPLICATION
Check No. Receipt No. (Missing Ite	ems Circled, Application Refused)

* * * COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH * * *

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

Date	August 9, 2018		Permit #	108229
Owner Name	JEFFREY JONES	Agent Name	GREG W. JO	OHNSON, P.E.
Mailing Addres	s 235 TAMARACK DRIVE	Agent Address	170 HOL	LOW OAK
City, State, Zip	CANYON LAKE TEXAS 78133	City, State, Zip	NEW BRAUN	FELS, TX 78132
Phone#	512-757-7993	Phone #	(830) 9	005-2778
Email	jjones1960@gmail.com	Email	gregjohnson	e@yahoo.com
All corresponde	ence should be sent to: Owner Agent	☐ Both Me	ethod: Mail	⊠ Email
Subdivision Na	me TAMARACK SHORES Unit/Ph	nase/Section SEC 2	Lot 18	Block
Acreage/Legal				
Street Name/A	ddress 235 TAMARACK DRIVE	City CAN	YON LAKE	Zip 78133
Type of Develo	opment:			
Single Fam	ily Residential	4		RECEIVED
Type of 0	Construction (House, Mobile, RV, Etc.)	RV (PE	ESONAL)	OCT 1 5 2018
Number	of Bedrooms			2 2010
Indicate	Sq Ft of Living Area		C	COUNTY ENGINEER
(Planning ma Type of I Offices, Restaura Hotel, M	Factories, Churches, Schools, Parks, Etc Inc ants, Lounges, Theaters - Indicate Number of S otel, Hospital, Nursing Home - Indicate Number railer/RV Parks - Indicate Number of Spaces	dicate Number Of Occup	pants	
Estimated Cos	t of Construction: \$ 3,500 (Struc	ture Only)		`
	of the proposed OSSF located in the United St lo (if yes, owner must provide approval from USACE fo			
	er 🔀 Public 🔲 Private Well ing Devices Being Utilized Within the Residenc	ce?⊠Yes □ No		
the completed ap -Authorization is h site/soil evaluation also understand by the Comal Co	plication, I certify that: oplication and all additional information submitted does not be permitting authority and designated agon and inspection of private sewage facilities. It a permit of authorization to construct will not be issuit unty Flood Damage Prevention Order. Insent to the online posting/public release of my e-mail additional additional actions.	gents to enter upon the above ed until the Floodplain Admir dress associated with this pe	e described property for nistrator has performed	or the purpose of
Signature	Jones	10////8		Dage Lef 2

Page I of 2 Revised July 2018

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 Evaluati	on as Required Comple	eted By GREG W. JOHNSON, P.E.	
System Description	PROPRIETARY;	SEPTIC TANK AND LEACHING CHA	MBERS
Size of Septic System Required Ba	ased on Planning Mater	ials & Soil Evaluation	
750 GAL. Tank Size(s) (Gallons)	DUAL COMP. SEPTIC TANK	Absorption/Application Area (Sq Ft)	375
Gallons Per Day (As Per TCEQ To (Sites generating more than 5000 gall			OCT 15 2018
Is the property located over the Ed (If yes, the planning materials must be		P ☐ Yes ☑ No ed Sanitarian (R.S.) or Professional Engineer	COUNTY FALS
Is there an existing TCEQ approve	d WPAP for the proper	ty? ☐ Yes ⊠ No	
(if yes, the R. S. or P. E. shall certify the	nat the OSSF design comp	lies with all provisions of the existing WPAP.)	
If there is no existing WPAP, does	the proposed develop	ment activity require a TCEQ approved V	NPAP? Yes No
		omply with all provisions of the proposed WP has been approved by the appropriate region	
Is the property located over the Ec	wards Contributing Zor	ne? ⊠ Yes □ No	
Is there an existing TCEQ approva		Yes No No lies with all provisions of the existing CZP)	
(if yes, the P.E. or R.S. shall certify the	at the OSSF design will co	ent activity require a TCEQ approved CZ mply with all provisions of the proposed CZP. approved by the appropriate regional office	A Permit to construct will)
Is this property within an inco	orporated city? Y	es No	+70
in yes, indicate the city.		GREG W. JOHN	**************************************
By signing this application, I certify that - The information provided above is tru - I affirmatively consent to the online po	e and correct to the best of	of my knowledge. e-mail address associated with this permit app October 12, 2018	olication, as applicable
Signature of Designer		Date	Page 2 of 2

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

ON-SITE SEWERAGE FACILITY SOIL EVALUATION REPORT INFORMATION

Date Soil Survey Performed:	October 11, 2018	
Site Location:	TAMARACK SHORES, SECTION 2, LOT 18	- RECEIVED
Proposed Excavation Depth:	18" to 36"	OCT 15 2018
D		2018

Requirements:

nents:

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

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

For subsurface disposal, soil evaluations 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 features on the form. Indicate depths where features appear.

OIL BORIN	G NUMBER	1				
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
6"	ш	CLAY LOAM				BROWN
3						
60"	ш	SILTY LOAM	N/A	NONE OBSERVED	NONE OBSERVED	TAN CALICHE

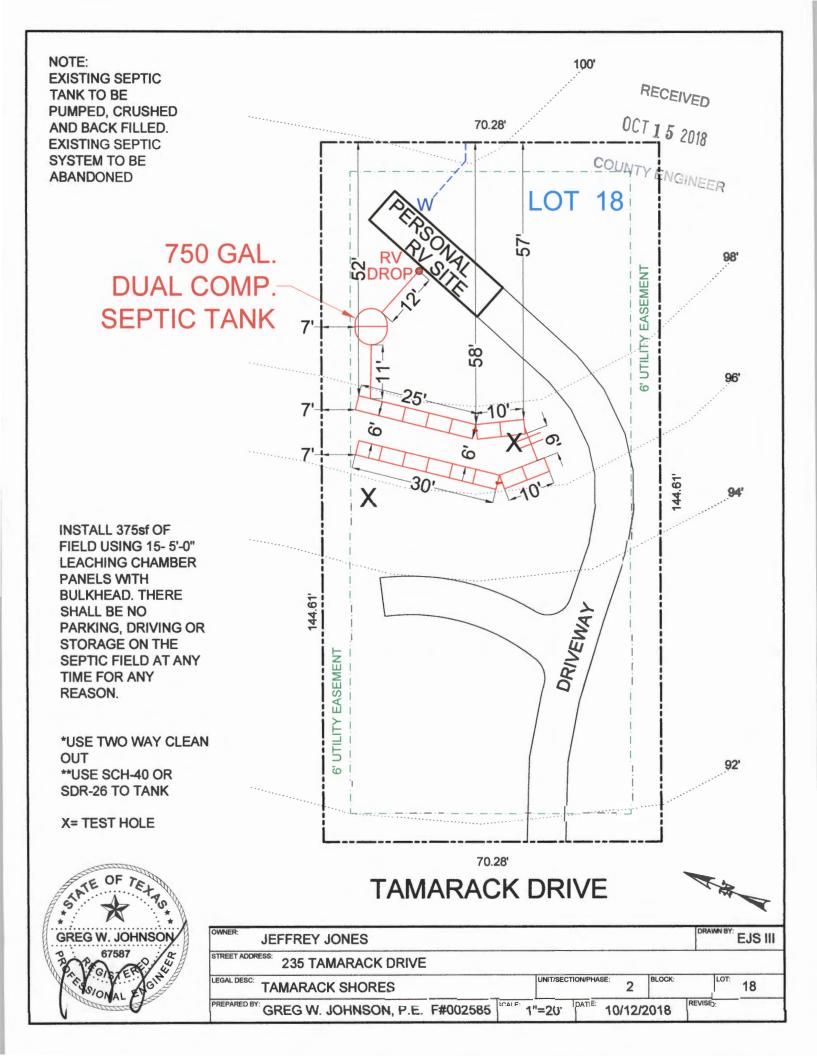
SOIL BORING	NUMBER	2				
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0 1 2	SAME		AS		ABOVE	
3						
4						
5						

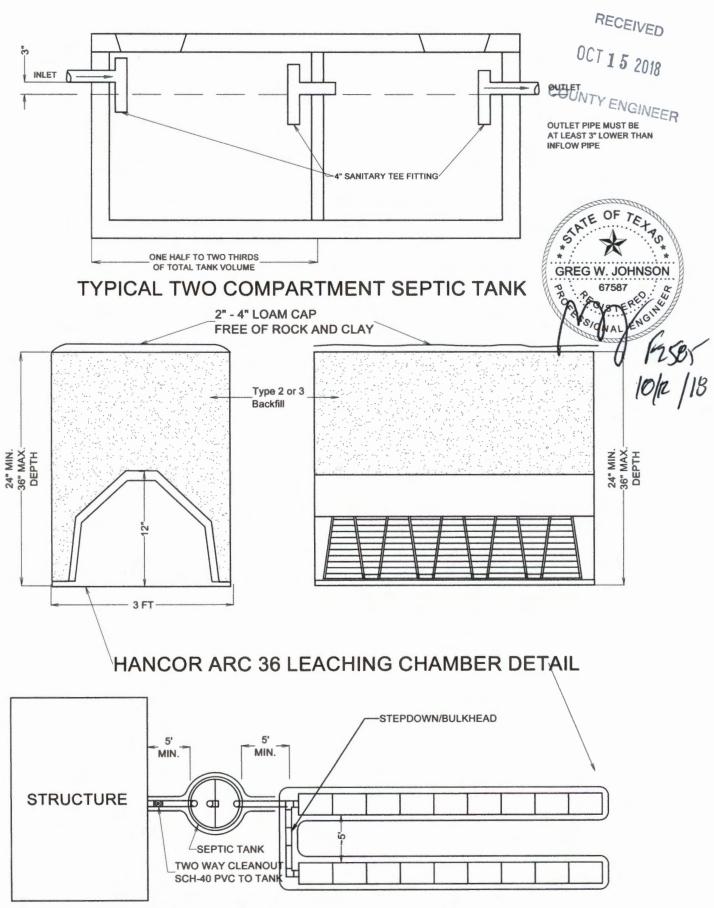
I certify that the findings of this	report are based on my	y field observations ar	nd are accurate to
the best of my ability.			

Greg W Johnson P.E. 67587-F2585 S.E. 11561

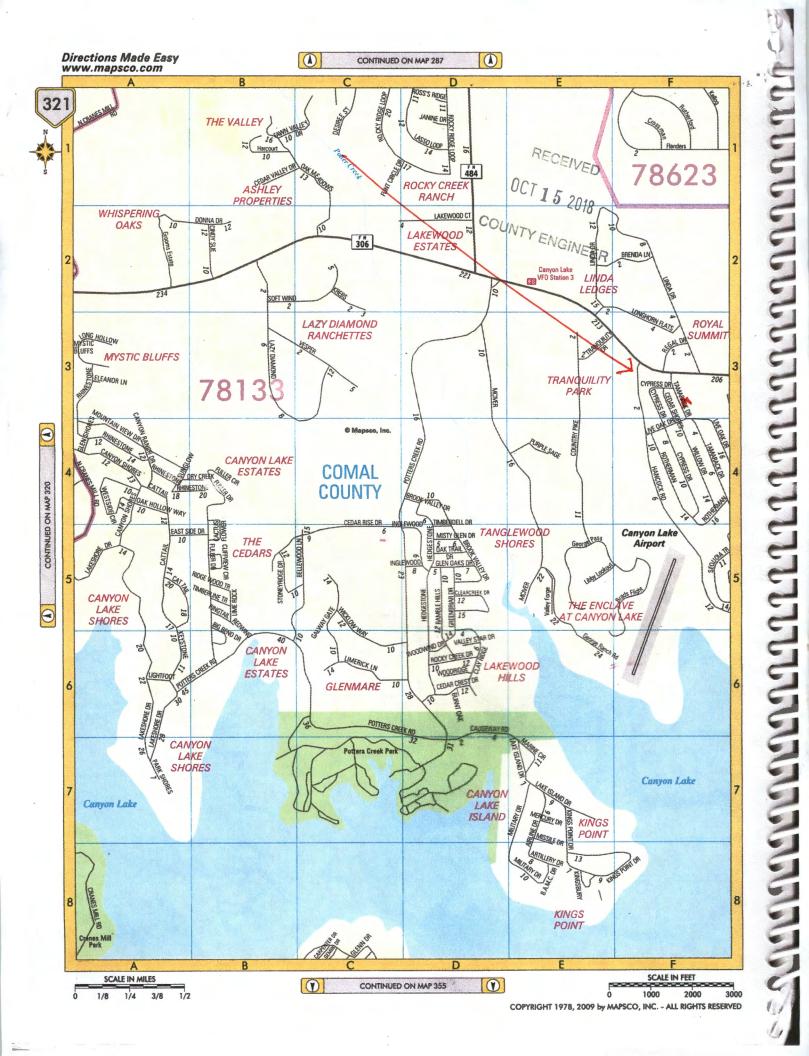
OSSF SOIL EVALUATION REPORT INFORMATION

Date: October 12, 2018						
Applicant Information:	Site Evaluator Information:					
Name: JEFFREY JONES	Name: Greg W. Johnson, P.E., R.S., S.E. 11561					
Address: 235 TAMARACK DRIVE	Address: 170 Hollow Oak					
City: CANYON LAKE State: TEXAS	City: New Braunfels State: Texas					
Zip Code:	Zip Code: 78132 Phone & Fax: (830)905-2778					
Duamento I acation.	Installan Information.					
Property Location: Lot 18 Unit 2 Blk Subd. TAMARACK SHORE	Installer Information:					
Street Address: 235 TAMARACK DRIVE	ES Name: Company: Company: Name: Company: Compan					
City: CANYON LAKE Zip Code: 78133	Address:					
Additional Info.:	Address: City: State:					
	Zip Code:Phone					
	44.49					
<u>Topography:</u> Slope within proposed disposal area: Presence of 100 yr. Flood Zone:	YES NO X					
Existing or proposed water well in nearby area.	YESNO_X RECEIVED					
Presence of adjacent ponds, streams, water impoundments	VEG NOV					
Presence of upper water shed	YES NO X OCT 15 2018					
Organized sewage service available to lot	YES NO X					
	COUNTY ENGINEER					
Design Calculations for Leaching Chambers:						
Commercial Q=GPD						
Q=GPD						
Residential Water conserving fixtures to be utilized? Youmber of Bedrooms the septic system is sized for:						
Q gal/day = $(Bedrooms +1) * 75 GPD$						
$Q = (\underline{\hspace{1cm}} + 1) * 75 - (20 \%) = \underline{\hspace{1cm}} 100$	NOTE BEDOON AT BY SITE O 100 CBD					
A = Q/Ra = 100 / 0.20 = 500 sq	NOTE: PERSONAL RV SITE @ 100 GPD					
A = Q/Ra = 100 / 0.20 = 50 50	. It.					
Tank Size = $(\sim 3 * Q) = Gal.$ Dual Comp.						
The state of the s						
Excavation Length & Width						
L = 0.75 A/(W+2) (<3' Wide) =375 /5'	= 75' of 3' WIDE 15 - 5' PANELS					
I HAVE PERFORMED A THOROUGH INVESTIGATION AND SITE EVALUATOR IN ACCORDANCE WITH CH (REGARDING RECHARGE FEATURES), TEXAS CO (EFFECTIVE DECEMBER 29, 2016).						
(LI I LC 11 V L DECENDER 27, 2010).	TATE OF TEX					
\mathcal{M}	112 118 95					
1 A X	GREG W. JOHNSON					
GREG W JOHNSON, P.E. 67587 - F#2585	DATE 67587 : 0					
	FIRM #2585					
	MAL					





HANCOR ARC 36 LEACHING CHAMBER DETAIL







201606005576 02/08/2016 10:31:32 AM 1/3

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: February 2, 2016

Grantor: LARRY DEAN SELZER, AND ROSE M. SELZER, INDIVIDUALLY AND AS

INDEPENDENT EXECUTOR OF THE ESTATE OF GENE ALLEN SELZER,

DECEASED

Grantor's Mailing Address:

6357 FM 532

Gonzalez, Texas 78629

OCT 15 2018

COUNTY ENGINEER

Grantee: JEFFREY JONES

Grantee's Mailing Address:

20909 Windmill Ridge Street Pflugerville, Texas 78660

Consideration:

Cash and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.

Property (including any improvements):

LOT 18, SECTION II, TAMARACK SHORES SUBDIVISION, COMAL COUNTY, TEXAS, ACCORDING TO MAP OR PLAT THEREOF RECORDED IN VOLUME 4, PAGE(S) 8, OF THE MAP AND/OR PLAT RECORDS OF COMAL COUNTY, TEXAS.

Reservations from and Exceptions to Conveyance and Warranty

Validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded and validly existing instruments, other than conveyances of the surface fee estate, that affect the Property; and taxes for 2016, which Grantee assumes and agrees to pay, and subsequent assessments for that and prior years due to change in land usage, ownership, or both, the payment of which Grantee assumes.

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

THE ESTATE OF GENE ALLEN SELZER, DECEASED

ROSE M. SELZE Individually and as

Independent Executor

STATE OF

COUNTY OF

This instrument was acknowledged before me on 2 - 3

LARRY DEAN SELZER.

PAMELA BLANKENSHIP OTARY PUBLIC STATE OF TEXAS

My commission expires:

STATE OF COUNTY OF This instrument was acknowledged before me on ROSE M. SELZER, INDIVIDUALLY AND AS INDEPENDENT EXECUTOR OF THE ESTATE OF GENE ALLEN SELZER, DECEASED. Notary Public, State of NOTARY PUBLIC STATE OF TEXAS My commission expires: MY COMM. EXP. 02/23/2018 NOTARY ID 231386-5 AFTER RECORDING RETURN TO: RECEIVED JEFFREY JONES OCT 1 5 2018 20909 Windmill Ridge Street Pflugerville, Texas 78660 COUNTY ENGINEER Filed and Recorded Official Public Records Bobbie Koepp, County Clerk Comal County, Texas 02/08/2016 10:31:32 AM Bobbie Koepp