

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date:

10/15/2019

Permit Number:

108598

Location Description:

101 SUN VALLEY DR

SPRING BRANCH, TX 78070

Subdivision:

Sun Valley Village

Unit:

2

Lot:

101

Block:

Acreage:

Type of System:

Aerobic

Surface Irrigation

Issued to:

Stan & Laurie Poe

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

OS0034792

ENVIRONMENTAL HEALTH INSPECTOR

OS000772

ENVIRONMENTAL HEALTH COORDINATOR

ពាទ	staller Name: WEC	ina		_ OSSF I	nstaller #:		acton 3	12			//	
	1st Inspection Date: 10-0	XI-19	2nd Inspection Da	te:			3rd Inspecti	on Date:		15-15-	٣.	
lr	nspector Name: B. Olvaro	<u>`</u>	Inspector Name:_				Inspecto	r Name:	<u> 6.</u>	o lurra	·	
. D	ermit#: 108598			Address:	101	Sun	Valley	Dr.	15	un Va	llev	Ville
No.	Description	Anwser	Citations	1421428	Bas 458 61		Trough		Insp.	2nd Insp	3ñ	l lńsp.
SE Co	TE AND SOIL CONDITIONS & TBACK DISTANCES Site and Soil an		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)(iii) 285.30(b)(1)(A)(ii)			Total Control of the		Įδ	બન્લુ !		9	es _d
SE	TE AND SOIL CONDITIONS & STBACK DISTANCES Setback Sistances Set Minimum Standards		285,91(10) 285,30(b)(4) 285,31(d)									
fro (C SD	EWER PIPE Proper Type Pipe om Structure to Disposal System ast Iron, Ductile Iron, Sch. 40, DR 26)		285.32(a)(1)									
to	WER PIPE Slope from the Sewer the Tank at least 1/8 Inch Per oot		285.32(a)(3)				`.			-		
Ту (А	WER PIPE Two Way Sanitary - ype Cleanout Properly Installed ldd. C/O Every 100' &/or 90 egree bends)		285.32(a)(5)									
5 .		1		,				2 00 Ca 200 Z	Se es	CONTRACTOR OF THE	1	,
P. M.	RETREATMENT Installed (If equired).TCEQ Approved List RETREATMENT Septic Tank(s) Leet Minimum Requirements		285.32(b)(1)(G)285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(E) 285.32(b)(1)(C)(i) 285.32(b)(1)(G)(ii)* 285.32(b)(1)(D) 285.32(b)(1)(C) 285.32(b)(1)(C) 285.32(b)(1)(C) 285.32(b)(1)(E)(ii)(I) 285.32(b)(1)(E)(ii)(I) 285.32(b)(1)(E)(ii)(I)									
7 In	RETREATMENT Grease nterceptors if required for ommercial	,	285.34(d)									

10-09-19 BNO

Tank Set level lib Lacks
operational—Revision on Tanktype
Ready Graver & Size & Location

10-15-19 BUD Covered

No.	Description	Anwser	Citations	Notes 1st insp. 2nd insp. 3rd insp.
	SEPTIC TANK Tank(s) Clearly		285.32(b)(1)(E)	
	Marked SEPTIC TANK If		<u></u>	
	SingleTank, 2	` ` `	285.32(b)(1)(F)	
	Compartments Provided with		285.32(b)(1)(É)(iii)	
	Baffle SEPTIC TANK Inlet Flowline		285.32(b)(1)(E)(ii)(II)	
- 1	Greater than 3" and "T" Provided on Inlet and		285.32(b)(1)(E)(ii)(I)	
	Outlet			
	SEPTIC TANK Septic Tank(s) Meet		285.32(b)(1)(D)	
	Minimum Requirements		285.32(b)(1)(Ç)(ii) 285.32(b)(1)(Ç)(i)	
			285.32(b)(1)(B)	
			285.32(b)(1)(A)	
		4.5	285.32(b)(1)(E)(iv)	
8				[사용하기 소문하] 그 경기 그 되었다. 시호하는
	ALL TANKS Installed on 4" Sand		/	
-	Cushion/ Proper Backfill Used		285.32(b)(1)(F)	
			285.32(b)(1)(G)	
q			285.34(b)	
	SEPTIC TANK Inspection / Clean			
	Out Port & Risers Provided on	Sec. 3		
	Tanks Buried Greater than 12"	S. 25	.285.38(d)	
	Sealed and Capped	į ,š		
10		î		
	SEPTIC TANK Secondary restraint		7 7 ×	
	system provided		na na hiji	
	SEPTIC TANK Riser permanently			
	fastened to lid or cast into tank			
	SEPTIC TANK Riser cap protected	, ,	285.38(d)	
	against unauthorized intrusions		285.38(e)	
11		. ;	1,1	
	SEPTIC TANK Tank Volume	5 k		
12	Installed			[. 젊지 한당하다 나라 - 그러지 그리다.
12	PUMP TANK Volume Installed	. ,		
13	1 Other 1914/ Acidence hiproned			
	AEROBIC TREATMENT UNIT Size	1		
	Installed			(0·04b
14	AEROBIC TREATMENT UNIT			
	Manufacturer			Aeris Aerobics
	AEROBIC TREATMENT UNIT			
	Model			
15	Number			100 7000
13	DISPOSAL SYSTEM Absorptive	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	283,33(a)(4)	A N SOLE CONTRACTOR OF THE CON
			285.33(a)(1)	
		ļ	285.33(a)(2)	
16			285.33(a)(3)	
	DISPOSAL SYSTEM Leaching		285.33(a)(1)	
	Chamber		285.33(a)(3)	
		1	· 285.33(a)(4)	
17			285.33(a)(2)	
	DISPOSAL SYSTEM Evapo-		202.33(a)(3)	
	transpirative		285.33(a)(4) 285.33(a)(1)	
			285.33(a)(2)	
	ı	L.	1 203,33(0)(4)	

Ī		Anwser	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp. 💠
1,	DISPOSAL SYSTEM Drip Irrigation		285.33(c)(3)(A)-(F)				
- [
38.3							
9 🖔						Service Company	130 K. W. L. M.
٦	DISPOSAL SYSTEM Soil Substitution		285,33(d)(4)			,	
.0	DISPOSAL SYSTEM Pumped		TOOF TOY WALL			新新华州中央	28882 X
100	Effluent		285.33(a)(3) 285.33(a)(1)				
			285.33(a)(2)				
1 1	DISPOSAL SYSTEM Gravelless Pipe	4°, 19° = 1311 (1394)	285.33(a)(3)		(See 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	\$194 \$184 _ \$200 W _ 12.65 22.5	新物館の設定にあるまでも
	,		285.33(a)(2)				
}			285.33(a)(4)] }		
2			285.33(a)(1)]		
	DISPOSAL SYSTEM Mound		z 285.33(a)(3)				
-			285.33(a)(1)				
			.285.33(a)(2) 285.33(a)(4)				
23			203.33(4)(4)				
i	DISPOSAL SYSTEM Other .		. 285.33(d)(6)				
- }((describe) (Approved Design)		285.33(c)(4)	•			
24							
	DRAINFIELD Absorptive Drainline						
- 1>	3" PVC						
	or 4" PVC	ANGERSES			TO STREET		TERRET STATES
26	DRAINFIELD Area Installed						
	DRAINFIELD Level to within 1 inch						
1.5	per 25 feet and within 3 inches		285.33(b)(1)(A)(v)				
ŀ	over entire excavation						
27	DRAINFIELD Excavation Width						A SECTION OF THE SECT
	DRAINFIELD Excavation Depth						
	DRAINFIELD Excavation					Eyagon	
	Separation DRAINFIELD Depth of						
	Porous Media						
	DRAINFIELD Type of Porous Media						
1							
1							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
28	DRAINFIELD Pipe and Gravel -	TO THE PARTY					
. 1	Geotextile Fabric in Place		285.33(b)(1)(E)				V
~- L	DRAINFIELD Leaching Chambers	A STATE OF THE STA					
	DRAINFIELD Chambers - Open End	1.12					
	Plates w/Splash Plate, inspection						
	Port & Closed End Plates in Place		285.33(c)(2)				312 34 S/
	(per manufacturers spec.)						
		1.X1.55					
30							
- 1	LOW PRESSURE DISPOSAL						1
	SYSTEM Adequate Trench Length						
	& Width, and Adequate Separation Distance between	ĺ	285.33(d)(1)(C)(i)				
	Trenches			÷			
3i		L	<u> </u>		1		

No.	Description	Anwser	Citations 2	Notes	31	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)		>>	10-09-19	4- 	Ocer
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 AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place. 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							
36	Anti- Siphon Device Present When Required PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump				· ·			
37	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				· ·			1

Final

No	Description	Anwser	Citations	Notes	1st Insp. 🥕	2nd Insp.' · ·	3rd Insp.
40	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)(iii) 2)(G)(y) 285:33(d)(2)(G)(iii) 285:33(d)(2)(G)(iiy) -285:33(d)(2)(G)(ii) 285:33(d)(2)(G)(iii) 285:33(d)(2)(G)(iii)(I)	EXTREMEDIATION OF THE ACTION OF A STATE OF A	io sta		- Top
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 &	2.54				5	-
45	PUMP TANK Type/Size of Pump Installed						

Installer Name: Weid	dner	OSSF I	nstaller #: 05	0000034	2		
1st Inspection Date: 10-0	2nd Inspe	ection Date:		3rd Inspection	Date:		
Inspector Name: B. Olver	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Name:		Inspector			
Permit#: 108598		Address:	101 Sun	Valley D	<u>)c. / :</u>	Sun Valle	e <u>y Villa</u>
No. Description SITE AND SOIL CONDITIONS &	Anwser Citations 285.31(a)		Notes		1st Insp.	2nd Insp.	7 3rd Insp.
SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials	285.30(b)(1)(A 285.30(b)(1)(A 285.30(b)(1)(A 285.30(b)(1)(A 285.30(b)(1)(A	s)(iv) \)(v) \)(iii) \)(iii)			(8-644 		
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)	285.32(a)(1	1)	·				
SEWER PIPE Slope from the Sewer to the Tank at least 1/8 inch Per Foot	285.32(a)(3	3)		<u>.</u>			
SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	285.32(a)(5	5)					
PRETREATMENT Installed (if required) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements	285.32(b)(1)(G)285)(E)(iii) 285.32(b)(1)(E 285.32(b)(1) 285.32(b)(1)(C 285.32(b)(1)(C 285.32(b)(1)(C 285.32(b)(1)(C 285.32(b)(1)(C 285.32(b)(1)(C 285.32(b)(1)(E 285.32(b)(1)(E) 285.32(b)(1)(E)	E)(iv) (F) (B) C)(i) C)(ii) (D) (E) (A) (ii)(II) E)(i)					
PRETREATMENT Grease Interceptors if required for commercial	285.34(d)						

10-09-19 810

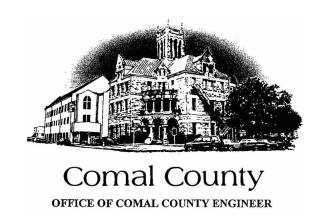
Tank Set level lo backs
operational pavision on Tanktype
Ready for Cover & Size & Location

No.	Description	Anwser	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If		285.32(b)(1)(E) 285.91(2)				
	SingleTank, 2 Compartments Provided with		285.32(b)(1)(F) 285.32(b)(1)(E)(iii)				
}	Baffle SEPTIC TANK Inlet Flowline Greater than		285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(I)				
Į.	3" and "T" Provided on Inlet and Outlet SEPTIC TANK Septic Tank(s) Meet		285.32(b)(1)(E)(i) 285.32(b)(1)(D)				
	Minimum Requirements		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 th Sand Cushion/ Proper Backfill Used		285.32(b)(1)(F)				
9	custiony i (oper buckini oseg		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 provided SEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d)				
11	SEPTIC TANK Tank Volume		285.38(e)			1 / t	<u> </u>
12	Installed PUMP TANK Volume Installed						
13	AEROBIC TREATMENT UNIT Size						
1 1	Installed				10090		-
	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number			Aeris Aerobics 1100 & 1000			
	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
1 1	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
	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)				
19				A Company of the Comp			
	DISPOSAL SYSTEM Soil		285.33(d)(4)		1		
20	Substitution		203.33(u)(4)				
	DISPOSAL SYSTEM Pumped		285.33(a)(3)				
	Effluent		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)				
	DISPOSAL SYSTEM Mound		285.33(a)(3)				
			285.33(a)(1)				
			285.33(a)(2)				
			285.33(a)(4)				
23	DISPOSAL SYSTEM Other	5. 14 Victor 1 W	JOE 33(4)/C/				2000 200 200 200 200 200 200 200 200 20
	(describe) (Approved Design)		285.33(d)(6) 285.33(c)(4)				
	(decorred) (ripproved Decogny		203.33(0)(4)				
24	DRAINFIELD Absorptive Drainline						
	3" PVC						
25	or 4" PVC						
25	DRAINFIELD Area Installed						2000
26							
	DRAINFIELD Level to within 1 inch						
'	per 25 feet and within 3 inches		285.33(b)(1)(A)(v)				
	over entire excavation						
27							
ĺ	DRAINFIELD Excavation Width						
	DRAINFIELD Excavation Depth DRAINFIELD Excavation						Circles Co.
	Separation DRAINFIELD Depth of						
	Porous Media						
	DRAINFIELD Type of Porous Media						
20							1
20	DRAINFIELD Pipe and Gravel -	1 1 2 2 3					
29	Geotextile Fabric in Place		285.33(b)(1)(E)				
29	DRAINFIELD Leaching Chambers	- 70m (2)					
	DRAINFIELD Chambers - Open End						:
	Plates w/Splash Plate, Inspection						
	Port & Closed End Plates in Place		285.33(c)(2)				
	(per manufacturers spec.)		200.00(0)(2)				
20							
30	LOW PRESSURE DISPOSAL	2 11 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1				UPSVSTV.A.2.13.33	SERVICE STATE OF THE PARTY OF T
	SYSTEM Adequate Trench Length						
	& Width, and Adequate		205 22/4//4//0//:/				
	Separation Distance between		285.33(d)(1)(C)(i)				
	Trenches			·			
31		Ll	_				-

No.	Description	Anwser	Citations	Notes	`	1st Insp.	2nd Insp.	3rd Insp.
32	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)	·				
33	AEROBIC TREATMENT UNIT IS Aerobic Unit Installed According to Approved Guidelines.		285.32(c)(1)			10-09-19	4- -9 1- 	
	AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided AEROBIC TREATMENT UNIT			*				
	Secondary restraint system provided AEROBIC TREATMENT UNIT Riser permanently fastened		**************************************					# * ·
34	to lid or cast into tank AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions	2,						***
35	AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.							-
33	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							
36	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		/			./		
39	Connections in Approved Junction Boxes / Wiring Buried							

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)(II)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)		10-4-19		
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				ja		
44	PUMP TANK Material Type & Manufacturer					3	1.2 / 12 / 2.4
45	PUMP TANK Type/Size of Pump Installed				b		



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

Permit Number: 108598

Issued This Date: 01/09/2019

This permit is hereby given to: Stan & Laurie Poe

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

101 SUN VALLEY DR SPRING BRANCH, TX 78070

Subdivision: Sun Valley Village

Unit: 2

Lot: 101

Block:

Acreage:

APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Aerobic

Surface Irrigation

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.

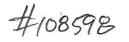
Call (830) 608-2090 to schedule inspections.

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

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

Date	10/3/18		Permit # _	108598
Owner Name	STAN & LAURIE POE	Agent Name	GREG W	. JOHNSON, P.E.
Mailing Address	1017 PARKVIEW PL	Agent Address	170 H	OLLOW OAK
City, State, Zip	CANYON LAKE, TX, 78133	City, State, Zip	NEW BRAI	UNFELS, TX 78132
Phone#	818-917-2161	Phone #	(83)	0) 905-2778
Email	hope.anderson@proforma.com	Email	gregjohns	onpe@yahoo.com
All corresponden	ce should be sent to: Owner Agent	Both	Method: Mail	⊠ Email
Subdivision Nam	e SUN VALLEY VILLAGE Unit/Ph	ase/Section 2	Lot 191	Block
Acreage/Legal _				
Street Name/Add	dress 101 SUN VALLEY DAVE	City SP	RING BRANCH	Zip78070
Type of Develop	oment:			
	Residential			RECEIVED
Type of Co	onstruction (House Mobile, RV, Etc.)	HOUSE		DEC 31 2018
Number of	Bedrooms			
Indicate Se	q Ft of Living Area 6155			COUNTY ENGINEER
(Planning mate Type of Fa Offices, Fa Restauran Hotel, Mot	actories, Churches, Schools, Parks, Etc Indiets, Lounges, Theaters - Indicate Number of Stel, Hospital, Nursing Home - Indicate Number iller/RV Parks - Indicate Number of Spaces	licate Number Of O	ccupants	
Estimated Cost	of Construction: \$ 150,000 (Struc	ture Only)		
Is any portion of	the proposed OSSF located in the United State (if yes, owner must provide approval from USACE for	ates Army Corps of		
	Public Private Well			
Are Water Savin	g Devices Being Utilized Within the Residence	e? 🛛 Yes 🗌 N	0	
-Authorization is he site/soil evaluation -I also understand the by the Comal Court	cation, I certify that: lication and all additional information submitted does not reby given to the permitting authority and designated ago and inspection of private sewage facilities. In that a permit of authorization to construct will not be issured to the online posting/public release of my e-mail additional and the control of the online posting/public release of my e-mail additional and the control of t	gents to enter upon the a ed until the Floodplain A dress associated with th	above described proper administrator has perfor	rty for the purpose of med the reviews required s applicable.
Signature of Own	er .	Date		Page i of 2

Signature of Owner



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

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

REVISED 9:05 am, Oct 15, 2019

Planning Materials & Site Evaluation as Required Completed By <u>GREG W. JOHNSON, P.E.</u>
System Description PROPRIETARY; AEROBIC TREATMENT AND SURFACE IRRIGATION
Size of Septic System Required Based on Planning Materials & Soil Evaluation
AERIS D 1/00 & 1000 gal
Tank Size(s) (Gallons) Pump Tank Absorption/Application Area (Sq Ft) 9650
Gallons Per Day (As Per TCEQ Table III) 480
(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? Tyes X 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
la them are aristing TOTO and ACTRICALLY AND TOTO AND ACTRICALLY A
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 P.E. or R.S. 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
TATE
If yes, indicate the city:
GREG W. JOHNSON
67587
On EGISTER A
SO/ONAL ENG
FIRM #2585
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
Signatule of Designer October 24, 2018 Date Page 2 of 2
5 18 18 18 18 18 18 18 18 18 18 18 18 18

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

AFFIDAVIT



IF



201806049250 12/31/2018 02:02:00 PM 1/1

RECEIVED

CERTIFICATION OF OSSF REQUIRING MAINTENANCE

DEC 31 2018

According to Texas Commission on Environmental Quality Rules for On-Site Sewage Facilities (OSSF's), this document is filed in the Deed Records of Comal County, Texas.

COUNTY ENGINEER

The Texas Health and Safety Code, Chapter 366 authorizes the Texas Commission on Environmental Quality (TCEQ) to regulate on-site sewage facilities (OSSFs). Additionally, the Texas Water Code (TWC), § 5.012 and § 5.013, gives the commission primary responsibility for implementing the laws of the State of Texas relating to water and adopting rules necessary to carry out its powers and duties under the TWC. The commission, under the authority of the TWC and the Texas Health and Safety code, requires owner's to provide notice to the public that certain types of OSSFs are located on specific pieces of property. To achieve this notice, the commission requires a recorded affidavit. Additionally, the owner must provide proof of the recording to the OSSF permitting authority. This recorded affidavit is not a representation or warranty by the commission of the suitability of this OSSF, nor does it constitute any guarantee by the commission that the appropriate OSSF was installed.

An OSSF requiring a maintenance contract, according to 30 Texas Administrative Code §285.91(12) will be installed on the property described as (insert legal description):

UNITYPHASE/SECTION	BLOCK101LOT	SUN VALLEY VILLAGE	SUBDIVISION
T IN SUBDIVISION:	ACREAGE		SURVEY
The property is owned by (i	nsert owner's full name):	STANLEY W. POE & LAUF	RIE L. POE
the initial two-year service	policy, the owner of an aerob	nce contract for the first two years. in treatment system for a single fam thin 30 days or maintain the system	ily
	new owner. A copy of the pl	the permit for the OSSF shall be lanning materials for the OSSF can	be
WITNESS BY HAND(S) ON	THIS 27 DAY OF D	EC ,20_18	
Owner(s) signature(s)	5. Ov	vner (s) Printed name (s)	
STANLEY W.1	OE SWORN TO ANI	O SUBSCRIBED BEFORE ME ON T	THIS 27 DAY (
DEGEMBER June Ander I Hotary Public Signa	on	Filed and Recorded Official Public Records Bobbie Koepp, County C.	S .
HOPE STACY AN Notary Public, State Comm. Expires 05 Notary ID 1311	e of Texas 3-03-2021	Comal County, Texas 12/31/2018 02:02:00 PM TERRI 1 Page(s) 201806049250	
(Notary Seal Here)		Babbie Ke	upp

WASTEWATER TREATMENT FACILITY MONITORING AGREEMENT

Regulatory Authority COMAL
Block Creek Aerobic Services, LLC
444 A Old Hwy #9
Comfort, TX 78013
Off. (830) 995-3189
Fax. (830) 995-4051

2 YEAR CONTRACT 2 YEAR WARRANTY ON PARTS AND LABOR Subd/Legal: SUN VALLEY VILLAGE, UNIT 2, LOT 101

I. General: This Work for Hire Agreement (hereinafter referred to as "Agreement") is entered into by and between STANLEY W. & LAURIE L. POE (hereinafter referred to as "Customer") and Block Creek Aerobic Services, LLC. By this agreement, Block Creek Aerobic Services, LLC and its employees (hereinafter inclusively referred to as "Contractor") agree to render services at the site address stated above, as described herein, and the Customer agrees to fulfill his/her/their responsibilities, as described herein.

II. Effective Date:

This Agreement commences on LTO and ends on for a total of two (2) years (initial agreement) or one (1) year (thereafter). If this is an initial agreement (new installation), the Customer shall notify the Contractor within two (2) business days of the system's first use to establish the date of commencement. If no notification is received by Contractor within ninety (90) day::s after completion of installation or where county authority mandates, the date of commencement will be the date the "License to operate" (Notice of Approval) was issued by the permitting authority. This agreement may or may not commence at the same time as any warranty period of installed equipment, but in no case shall it extend the specified warranty.

III. Termination of Agreement:

This Agreement may be terminated by either party for any reason, including for example, substantial failure of either party to perform in accordance with the terms of this Agreement, without fault or liability of the terminating party. The terminating party must provide written notice to the non-terminating party thirty (30) days prior to the termination of this Agreement. If this Agreement is terminated, Contractor will be paid at the rate of \$75.00 per hour for any work performed and for which compensation has not been received. After the deduction of all outstanding charges, any remaining monies from prepayment for services will be refunded to customer within thirty (30) days of termination of this Agreement. Either party terminating this Agreement for any reason, including non-renewal, shall notify in writing the equipment manufacturer and the appropriate regulatory agency a minimum of thirty (30) days prior to the date of such termination. Nonpayment of any kind shall be considered breach of contract and a termination of contract.

IV. Services:

Contractor will:

- a. Inspect and perform routine upkeep on the On-Site Sewage Facility (hereinafter referred to as OSSF) as recommended by the treatment system manufacturer, and required by state and/or local regulation, for a total of three visits to site per year. The list of items checked at each visit shall be the: control panel, Electrical circuits, timer, Aeration including compressor and diffusers, CFM/PSI measured, lids safety pans, pump, compressor, sludge levels, and anything else required as per the manufacturer.
- b. Provide a written record of visits to the site by means of an inspection tag attached to or contained in the control panel.
- c. Repair or replace, if Contractor has the necessary materials at site, any component of the OSSF found to be failing or inoperative during the course of a routine monitoring visit. If such services are not covered by warranty, and the service(s) cost less than \$100.00, Customer hereby authorizes Contractor to perform the service(s) and bill Customer for said service(s). When service costs are greater than \$100.00, or if contractor does not have the necessary supplies at the site, Contractor will notify Customer of the required service(s) and the associated cost(s). Customer must notify Contractor of arrangements to affect repair of system with in two (2) business days after said notification.
- d. Provide sample collection and laboratory testing of TSS and BOD on a yearly basis (commercial systems only).
 - e. Forward copies of this Agreement and all reports to the regulatory agency and the Customer.
- f. Visit site in response to Customer's request for unscheduled services within forty-eight (48) hours of the date of notification (weekends and holidays excluded) of said request. Unless otherwise covered by warranty, costs for such unscheduled responses will be billed to Customer.



V. Disinfection:

Not required; required. The responsibility to maintain the disinfection device(s) and provide any necessary chemicals is that of the Customer.

VI. Electronic Monitoring:

Electronic Monitoring is not included in this Agreement.

VII. Performance of Agreement:

Commencement of performance by Contractor under this Agreement is contingent on the following conditions:

a. If this is an initial Agreement (new installation):

 Contractor's receipt of a fully executed original copy or facsimile of this agreement and all documentation requested by Contractor.

If the above conditions are not met, Contractor is not obligated to perform any portion of this Agreement.

VIII. Customer's Responsibilities:

The customer is responsible for each and all of the following:

- a. Provide all necessary yard or lawn maintenance and removal of all obstacles, including but not limited to dogs and other animals, vehicles, trees, brush, trash, or debris, as needed to allow the OSSF to function properly, and to allow Contractor safe and easy access to all parts of the OSSF.
 - b. Protect equipment from physical damage including but not limited to that damage caused by insects.
- c. Maintain a current license to operate, and abide by the conditions and limitations of that license, and all requirements for and OSSF from the State and/or local regulatory agency, whichever requirements are more stringent, as well as the proprietary system's manufacturer recommendations.
- d. Notify Contactor immediately of any and all alarms, and/or any and all problems with, including failure of, the OSSF.
- e. Provide, upon request by Contractor, water usage records for the OSSF so that the Contractor can perform a proper evaluation of the performance of the OSSF.
- f. Allow for samples at both the inlet and outlet of the OSSF to be obtained by Contractor for the purpose of evaluating the OSSF's performance. If these samples are taken to a laboratory for testing, with the exception of the service provided under Section IV (d) above, Customer agrees to pay Contractor for the sample collection and transportation, portal to portal, at a rate of \$35.00 per hour, plus the associated fees for laboratory testing.
 - g. Prevent the backwash or flushing of water treatment or conditioning equipment from entering the OSSF.
- h. Prevent the condensation from air conditioning or refrigeration units, or the drains of icemakers, from hydraulically overloading the aerobic treatment units. Drain lines may discharge into the surface application pump tank if approved by system designer.
- Provide for pumping and cleaning of tanks and treatment units, when and as recommended by Contactor, at Customer's expense.
 - j. Maintain site drainage to prevent adverse effects on the OSSF.
 - k. Pay promptly and fully, all Contractor's fees, bills, or invoices as described herein.

IX. Access by Contractor:

Contractor is hereby granted an easement to the OSSF for the purpose of performing services described herein. Contractor may enter the property during Contractor's normal business hours and/or other reasonable hours without prior notice to Customer to perform the Services and/or repairs described herein. Contractor shall have access to the OSSF electrical and physical components. Tanks and treatment units shall be accessible by means of man ways, or risers and removable covers, for the purpose of evaluation as required by State and/or local rules and the proprietary system manufacturer. It is Customers responsibility to keep lids exposed and accessible at all times.

X. Limit of Liability:

Contractor shall not be held liable for any incidental, consequential, or special damages, or for economic loss due to expense, or for loss of profits or income, or loss of use to Customer, whether in contract tort or any other theory. In no event shall Contractor be liable in an amount exceeding the total Fee for Services amount paid by Customer under this Agreement.

XI. Indemnification:

Customer (whether one or more) shall and does hereby agree to indemnify, hold harmless and defend Contractor and each of its successors, assigns, heirs, legal representatives, devisees, employees, agents and/or counsel (collectively "Indemnitees") from and against any and all liabilities, claims, damages, losses, liens, causes of action, suits, fines, judgments and other expenses (including, but not limited to, attorneys' fees and expenses and costs of investigation), of any kind, nature or description, (hereinafter collectively referred to as "Liabilities") arising out of, caused by, or resulting, in whole or in part, from this Agreement.



THIS INDEMNITIFCATION APPLIES EVEN IF SUCH LIABILITIES ARE CAUSED BY THE CONCURRENT OR CONTRIBUTORY NEGLIGENCE OR BY THE STRICT LIABILITY OF ANY INDEMNITEE.

Customer hereby waives its right of recourse as to any Indemnitee when Indemnification applies, and Customer shall require its insurer(s) to waive its/their right of subrogation to the extent such action is required to render such waiver of subrogation effective. Customer shall be subrogated to Indemnitees with respect to all rights Indemnitees may have against third parties with respect to matters as to which Customer provides indemnity and/or defense to Indemnitees. No Indemnification is provided to Indemnitees when the liability or loss results from (1) the sole responsibility of such Indemnitee; or, (2) the willful misconduct of such Indemnitee. Upon irrevocable acceptance of this Indemnification obligation, Customer, in its sole discretion, shall select and pay counsel to defend Indemnitees of and from any action that is subject to this Indemnification provision. Indemnitees hereby covenant not to compromise or settle any claim or cause of action for which Customer has provided Indemnification without the consent of Customer.

XII. Severability:

If any provision of the "Proposal and Contract" shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court finds that any provision of the "Agreement" is invalid or unenforceable, but that by limiting such provision it would become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.

XIII. Fee for Services:

The Fee for Services does not include any fees for equipment, material, labor necessary for non-warranty repairs, unscheduled inspections, or Customer requested visits to the site.

XIV. Payment:

Full payment is due upon execution of this Agreement (Required of new Customer). For any other service(s) or repair(s) provided by Contractor the Customer shall pay the invoice(s) for said service(s) or repair(s) within thirty (30) days of the invoice date. The Contractor shall mail all invoices on the date of invoice. All payments not received within thirty (30) days from the invoice date will be subject to a \$29.00 late penalty and a 1.5% per month carrying charge, as well as any reasonable attorney's fees, and all collection and court costs incurred by Contractor in collection of unpaid debt(s). Contractor may terminate contract at any time for nonpayment for services. Any check returned to Contractor for any reason will be assessed a \$30.00 return check fee.

XV. Application or Transfer of payment:

The fees paid for this agreement may be transferred to subsequent property owner(s); however, this Agreement is not transferable. Customer shall advise the subsequent property owner(s) of the State requirement that they sign a replacement agreement authorizing Contractor to perform the herein described Services, and accepting Customer's Responsibilities. This replacement Agreement must be signed and received in Contractor's offices within ten (10) business days of date of transfer of property ownership. Contractor will apply all funds received from Customer first to any past due obligation arising from this Agreement including late fees or penalties, return check fees, and/or charges for services or repairs not paid within thirty (30) days of invoice date. Any remaining monies shall be applied to the funding of the replacement Agreement. The consumption of funds in this manner may cause a reduction in the termination date of effective coverage per this Agreement. See Section IV.

XVI. Entire Agreement:

This agreement contains the entire Agreement of the parties, and there are no other conditions in any other agreement, oral or written

Block Creek Aerobic Services, LLC, Contractor

unto 3 infustion

MC# 0000042 --- 1 MC#00000

MC# 0000042 and MC#0000002

Copyright all noths reserved

ON-SITE SEWERAGE FACILITY SOIL EVALUATION REPORT INFORMATION

Date Soil Survey Performed:	October 23, 2018	RECEIVEL
Site Location:	SUN VALLEY VILLAGE, UNIT 2, LOT 101	DEC 31 2018
Proposed Excavation Depth: _	N/A	COUNTY ENGINEER

Requirements:

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.

Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
10"	Ш	CLAY LOAM	N/A	NONE OBSERVED	LIMESTONE @ 10"	BROWN
2						
3	!					
5						

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

I certify that the findings of this report are based on my field observe	vations and are accurate to
the best of my ability.	
M	10/23/18

Greg W Ahnson P.F. 67587-F2585 S.F. 11561

Date

OSSF SOIL EVALUATION REPORT INFORMATION

REVISED 9:13 am, Oct 15, 2019

October 24, 2018

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A	nnl	ica	nt	In	fo	rm	atio	m.

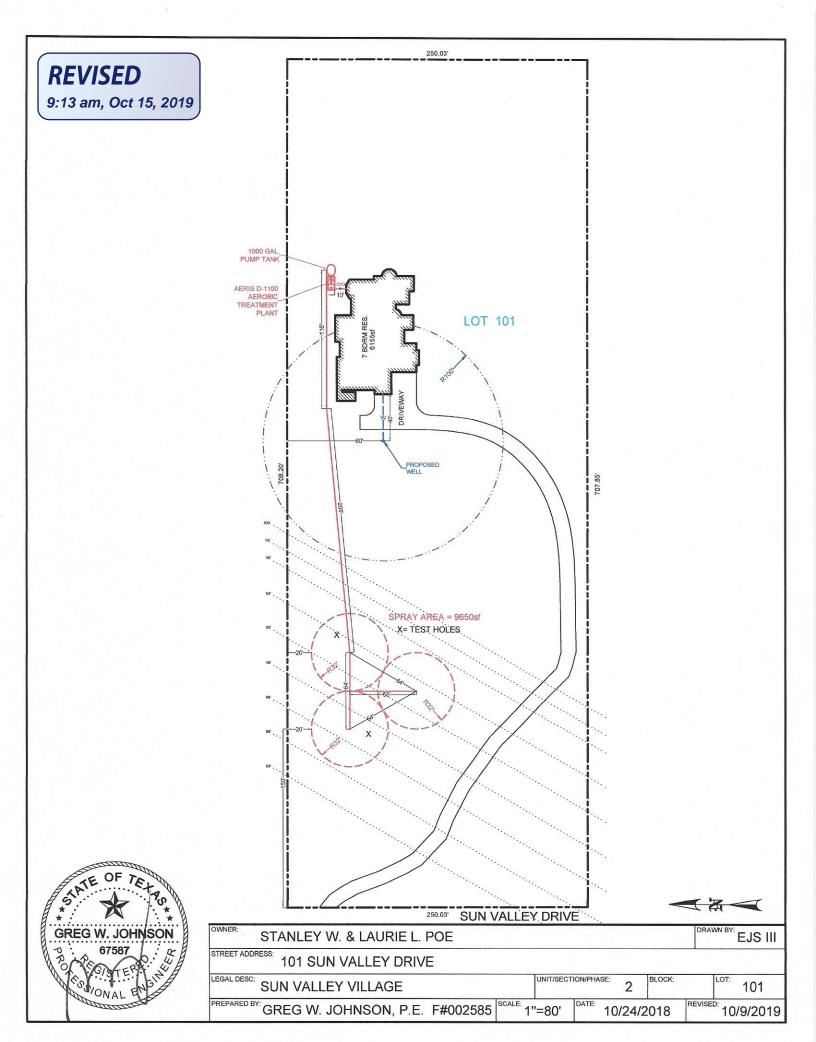
	Site Evaluator Information:
Name: STANLEY W. & LAURIE L. POE	Name: Greg W. Johnson, P.E., R.S., S.E. 11561
Address:c/o 617 PARKVIEW PLACE	Address: 170 Hollow Oak
City: CANYON LAKE State: TENDERFOOT	City: New Braunfels State: Texas
Zip Code: 781330 Phone: (818) 917-2161	Zip Code: <u>78132</u> Phone & Fax (830)905-2778
Property Location:	Installer Information:
Lot 101 Unit 2 Blk Subd. SUN VALLEY VILLA	
Street Address: 101 SUN VALLEY DRIVE	Company:
City: SPRING BRANCH Zip Code: 78070	Address:
Additional Info.:	City: State:
D 1 11 1 1	Zip Code:Phone
<u>Fopography:</u> Slope within proposed disposal area:	
Presence of 100 yr. Flood Zone: Existing or proposed water well in nearby area.	YES X NO X >100'
Presence of adjacent ponds, streams, water impoundments	YES NO X
Presence of adjacent points, streams, water impoundments Presence of upper water shed	YESNO_X_
Organized sewage service available to lot	YES NO X
organized sewage service available to lot	IESNO_A
Design Calculations for Aerobic Treatment with Spi	ray Irrigation:
Commercial	tay itt apartons
O = GPD	
Residential Water conserving fixtures to be utilized? Y	es X No
Number of Bedrooms the septic system is sized for:	
Q gal/day = (Bedrooms +1) * 75 GPD - (20% reduction	20 N G 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Q = (7 +1)*75 - (20%) = 480	Tor water conserving fixtures)
Frash Tank Size 801 Gal.	
TCEQ Approved Aerobic Plant Size(1000(GPD
Req'd Application Area = $Q/Ri = $ 480 / 0.	064 = 7500 sq ft
Application Area Utilized = 9650 sq. ft.	
Pump Requirement 12 Gnm @ 41 Psi (Re	diacket 0.5 HP 18 G.P.M. series or equivalent)
Dosing Cycle: ON DEMAND or X	TIMED TO DOSE IN PREDAWN HOURS
Pump Tank Size = 1000 Gal. 27.8 G	al/inch
Reserve Requirement = 160 Gal. 1/3 day flow.	ar mon.
Alarms: Audible & Visual High Water Alarm & Visual	
With Chlorinator NSF/TCEQ APPROVED	An I ump manunction
SCH-40 or SDR-26 3" or 4" sewer line to tank	
Two way cleanout	
Pop-up rotary sprinkler heads w/ purple non-potable lids	
1" Sch-40 PVC discharge manifold	
APPLICATION AREA SHOULD BE SEEDED AND M	AAINTAINED WITH VEGETATION.
HAVE PERFORMED A THOROUGH INVESTIGATION	I BEING A REGISTERED PROFESSIONAL ENGINEER

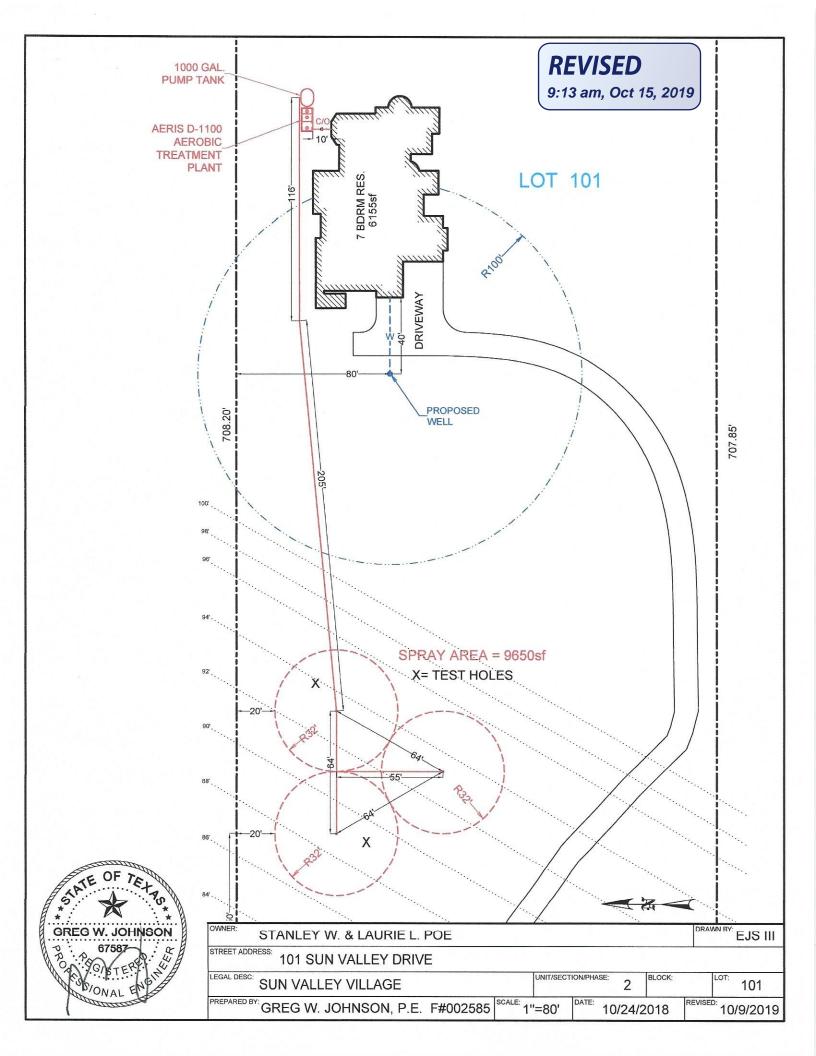
AND SITE EVALUATOR IN ACCORDANCE WITH CHAPTER 285, SUBCHAPTER D, $\S285.30$, & $\S285.40$ (REGARDING RECHARGE FEATURES), TEXAS COMMISSION OF ENVIRONMENTAL QUALITY

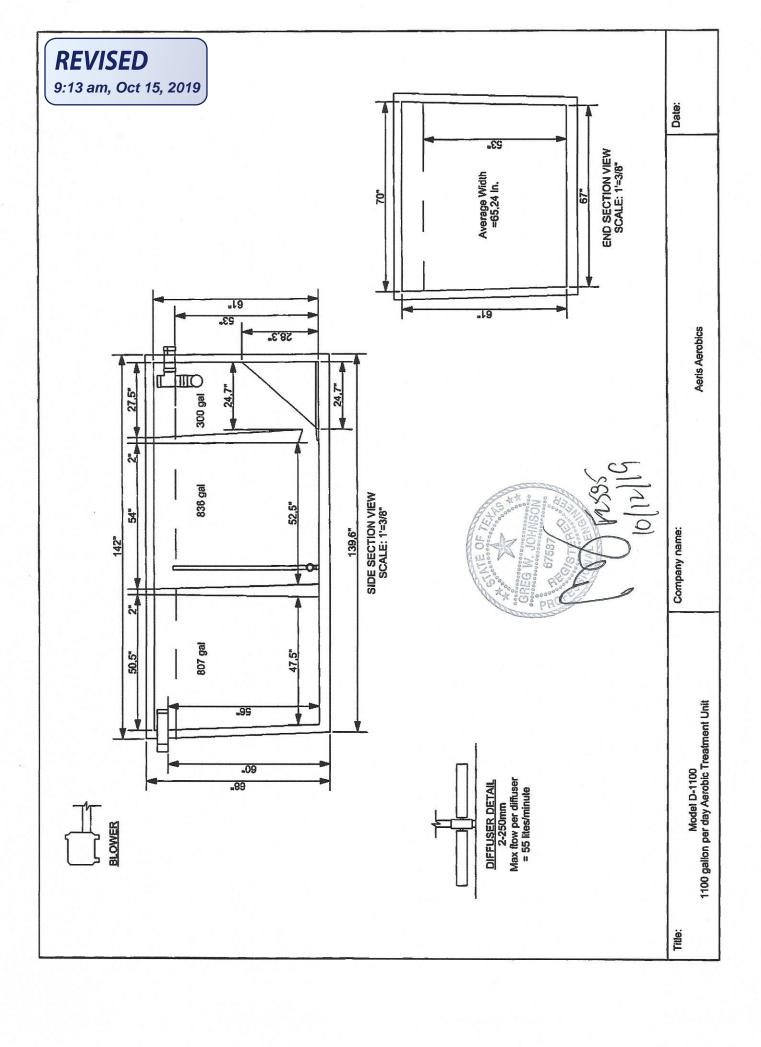
(EFFECTIVE DECEMBER 29, 2016)

GREG W. JOHNSON, P.E. F#002585 - S.E. 11561

FIRM #2585







DEC 31 2018

TANK NOTES:

Tanks must be set to allow a minimum of 1/8" per foot fall from the residence.

COUNTY ENGINEER

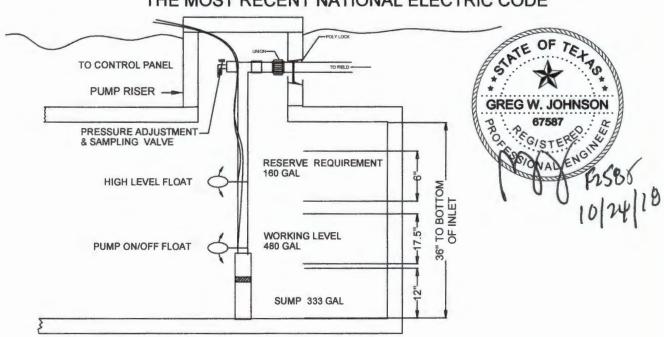
Tightlines to the tank shall be SCH-40 PVC.

A two way sanitary tee is required between residence and tank.

A minimum of 4" of sand, sandy loam, clay loam free of rock shall be placed under and around tanks

Tanks must be left uncovered and full of water for inspection by the permitting authority.

ALL WIRING MUST BE IN COMPLIANCE WITH THE MOST RECENT NATIONAL ELECTRIC CODE



TYPICAL PUMP TANK CONFIGURATION 1000 GAL TANKS

Revised July 2018

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

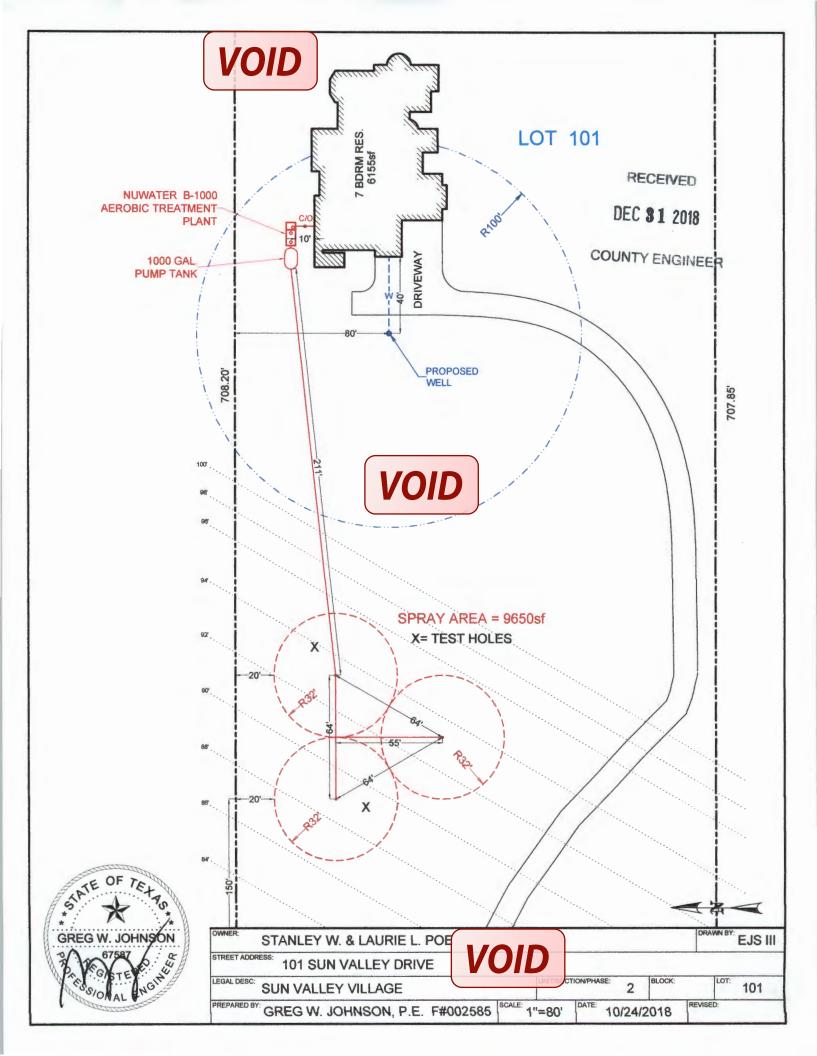
APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

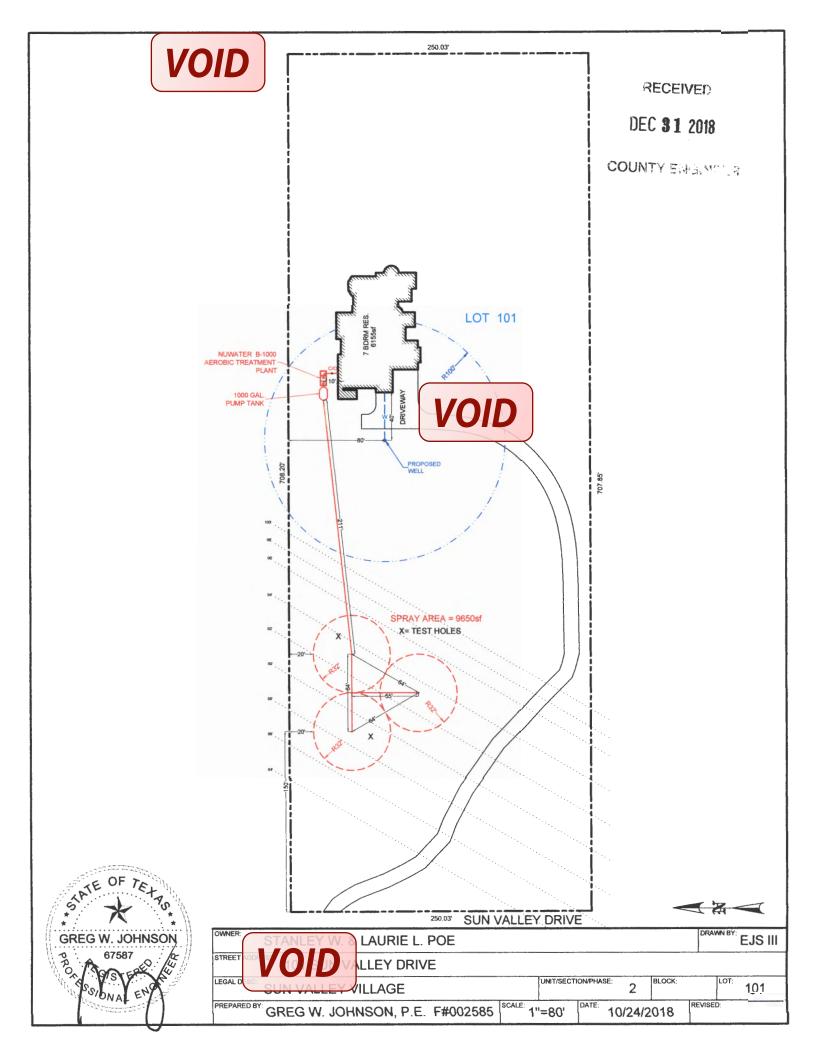
Planning Materials & Site Evaluation as Required ConVOIDREG W. JOHNSON, P.E
System Description PROPRIETARY; AEROBIC TREATMENT AND SURFACE IRRIGATION
Size of Septic System Required Based on Planning Materials & Soil Evaluation
NUWATER B-1000 & 1000 gal Tank Size(s) (Gallons) Pump Tank Absorption/Application Area (Sq Ft) 9650
Gallons Per Day (As Per TCEQ Table III) 480
(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ) DEC 31 2018
Is the property located over the Edwards Recharge Zone? Yes No COUNTY ENGINEER (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 you the P. S. or P. E. shell certify that the OSSE design complies with all provisions of the existing WPAP.)
(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 develop Volume a TCEQ approved WPAP? Yes No (If yes, the R.S. or P. E. shall certify that the OSSF design 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 P.E. or R.S. 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: GREG W. JOHNSON 67587 78 FIRM #2585
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 October 24, 2018 Page 2 of 2

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

OSSF SOIL EVALUATION REPORT INFORMATION

Date: October 24, 2018	
Applicant Information:	
VOID	Evaluator Information:
Traine,	ame: Greg W. Johnson, P.E., R.S., S.E. 11561
	ddress: 170 Hollow Oak
City: CANYON LAKE State: TENDERFOOT C	ity: New Braunfels State: Texas
Zip Code:	ip Code: 78132 Phone & Fax (830)905-2778
Duonouty I coation	Installer Information:
Property Location: Lot 101 Unit 2 Blk Subd. SUN VALLEY VILLAGE	
Street Address: 101 SUN VALLEY DRIVE	Company:
City: SPRING BRANCH Zip Code: 78070	Address:
Additional Info.:	
	Zip Code: Phone
Topography: Slope within proposed disposal area: 8 to	
Presence of 100 yr. Flood Zone:	YES NO_X_
Existing or proposed water well in nearby area.	YES_X_NO >100'
Presence of adjacent ponds, streams, water impoundments	YES NO X
Presence of upper water shed	Y S NO X RECEIVED
Organized sewage service available to lot	DEC 31 2018
Design Calculations for Aerobic Treatment with Spray	Irrigation:
Commercial	COUNTY ENGINEER
Q = GPD GPD	V No.
Residential Water conserving fixtures to be utilized? Yes	
Number of Bedrooms the septic system is sized for: 7	
Q gal/day = (Bedrooms +1) * 75 GPD - (20% reduction for	water conserving fixtures)
$Q = (_{7} +1)*75-(20\%) = _{639}$ Gal.	
TCEQ Approved Aerobic Plant Size G.P.	D
Req'd Application Area = $Q/Ri = $ 480 / 0.064	
Application Area Utilized = 9650 sq. ft. Pump Requirement 12 Gpm @ 41 Psi (Redja	cket 0.5 HP 18 G.P.M. series or equivalent)
Dosing Cycle:ON DEMAND or XTIM	TED TO DOSE IN PREDAWN HOURS
Pump Tank Size = 1000 Gal. 27.8 Gal/i	
Reserve Requirement = 160 Gal. 1/3 day flow.	
Alarms: Audible & Visual High Water Alarm & Visual Ai	r Pump malfunction
With Chlorinator NSF/TCEQ APPROVED	•
SCH-40 or SDR-26 3" or 4" sewer line to tank	
Two way cleanout	
Pop-up rotary sprinkler heads w/ purple non-potable lids	
1" Sch-40 PVC discharge manifold	NTAINED WITH VECETATION
APPLICATION AREA SHOULD BE SEEDED AND MAI	NIAINED WITH VEGETATION.
I HAVE PERFORMED A THOROUGH INVESTIGATION BI	EING A REGISTERED PROFESSIONAL ENGINEER
AND SITE EVALUATOR IN ACCORDANCE WITH CHAP	
(REGARDING RECHARGE FEATURES), TEXAS COM	MISSION OF ENVIRONMENTAL QUALITY
(EFFECTIVE DECEMBER 29, 2016)	e OF TE.
MA/	TAN TOO
/Y YY VOID 10/	24/18 * *
GREG W. JOHNSON, P.E. F#002585 - S.E. 11561 D	GREG W. JOHNSON
UNEO W. JOHNSON, F.E. P#002303 - S.E. 11301	A 10 67587 A 4
	GISTER FIRM #2585
	GISTER FIRM #2585
	· · · · · · · · · · · · · · · · · · ·









MINIMUM EXCAVATION DIMENSIONS:

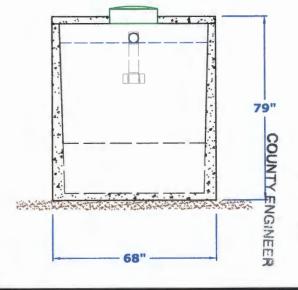
Width: 80" Length: 156"

See Note 6. VOID Inlet Flow Line Flow Line General See Note 8. Aeration 1,121 Gale. Diffuser Bar

GENERAL NOTES:

- 1. Plant structure material to be precast concrete and steel.
- Maximum burial depth is 30" from slab top to grade.
- 3. Weight = 16,600 lbs.
- 4. Treatment capacity is 1,000 GPD.
- BOD Loading = 3.00 lbs. per day.
- 20" Ø acess riser w/ lid (Typical 3). Optional extension risers available.
- 1" Sch. 40 PVC Air Line to Bio-Robic B-1000 Air Compressor (Max. 50 Lft from Plant).
- 8. 4" min. compacted sand or gravel pad by Contractor





DEC **31** 2018

NuWater B-1000 Aerobic Treatment Plant (As

Model: B-1000



July, 2012 By: A.S.

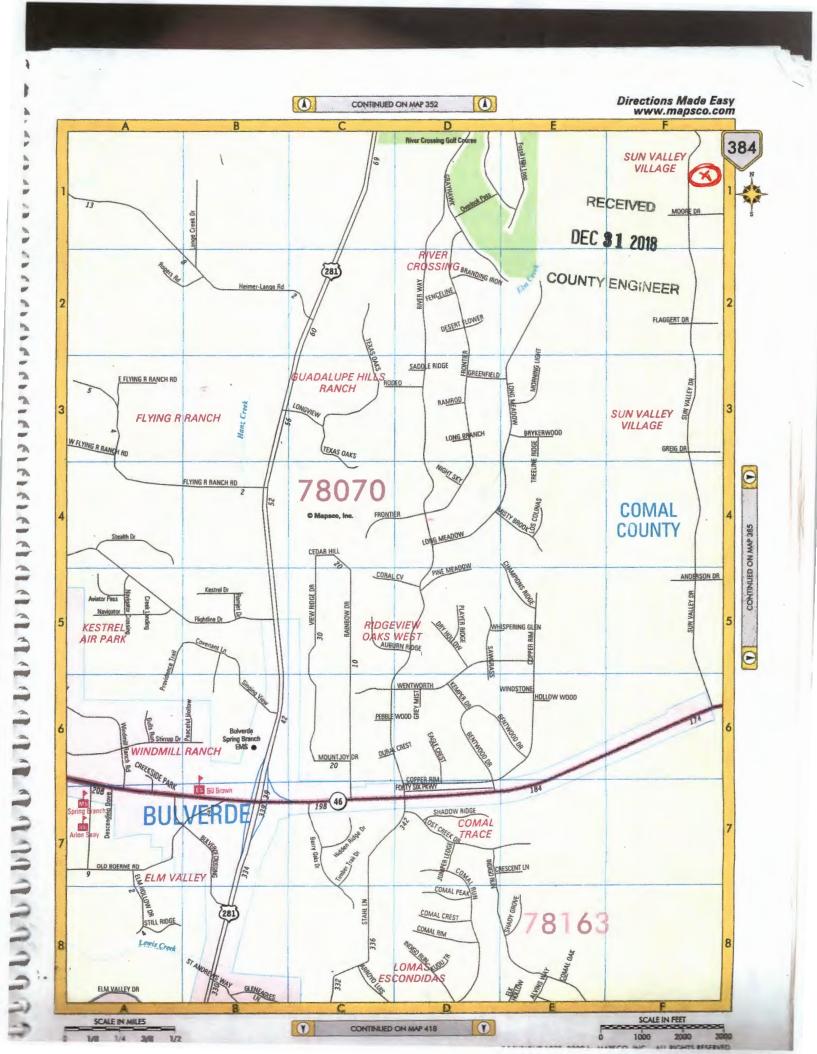
Scale:

* All Dimensions subject to allowable specificati tolerances.

Dwg. #: ADV-B1000-2



Advantage Wastewater Solutions IIc. 444 A Old Hwy No 9 Comfort, TX 78013 830-995-3189 fax 830-995-4051



ATC/4043000587/5VD

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURALIZATION, TOO 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.

RECEIVED

DEC 31 2018

COUNTY ENGINEER

WARRANTY DEED WITH VENDOR'S LIEN

Date:

May 11, 2012

Grantor:

NORTHTRAIL, LLC, a Texas limited liability company

Grantor's Mailing Address (including county):

808 Hwy 413 Comport. Tx 1801

Grantee:

STANLEY W. POE and wife, LAURIE L. POE

Grantee's Mailing Address (including county):

19519 Creek Run Dr., Spring, <u>Harris</u> County, Texas 77388

Consideration: TEN AND NO/100 DOLLARS (\$10.00) and other good and valuable consideration to the undersigned paid by the Grantees herein named, the receipt of which is hereby acknowledged, and the further consideration of the execution and delivery by Grantees herein of their one certain promissory note of even date herewith in the principal sum of ONE HUNDRED SIXTEEN THOUSAND AND NO/100 DOLLARS (\$116,000.00), payable to the order of CAPITAL FARM CREDIT, FLCA, as therein provided and bearing interest at the rate therein specified and providing for acceleration of maturity in event of default and for attorney's fees, the payment of which note is secured by the vendor's lien herein retained, and is additionally secured by deed of trust of even date herewith to BEN R. NOVOSAD, Trustee.

Property (including any improvements):

Lots 101 and 103, Sun Valley Village, Unit Two, Comal County, Texas, according to plat thereof recorded in Volume 4, Pages 38-39, Map and Plat Records of Comal County, Texas.

Reservations from and Exceptions to Conveyance and Warranty:

This conveyance is made and accepted subject to any and all conditions, restrictions, and easements, if any, relating to the hereinabove-described property, to the extent, and only to the extent, that the same may still be in force and effect, shown of record in the office of the County Clerk of Comal County, Texas.

Grantor, for the consideration and subject to the reservations from and 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 wise belonging, to have and hold it to Grantee, Grantee's heirs, executors, administrators, successors, or assigns forever. Grantor binds Grantor and Grantor's heirs, executors, and successors to warrant and forever defend all and singular the property to Grantee and Grantee's heirs, executors, administrators, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the reservations from and exceptions to conveyance and warranty.

The vendor's lien against and superior title to the property are retained until each note described is fully paid according to its terms, at which time this deed shall become absolute.

CAPITAL FARM CREDIT, FLCA, at the instance and request of the Grantee herein, having advanced and paid cash to Grantor herein that portion of the purchase price of the herein described property as is evidenced by the herein described Note, the Vendor's Lien, together with the Superior Title to said property, is retained herein for the benefit of Grantor and the same are hereby TRANSFERRED and ASSIGNED to CAPITAL FARM CREDIT, FLCA, without recourse.

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

NORTHTRAIL, LLC

BY: Callein Dempy

RECEIVED

DEC 31 2018

COUNTY ENGINEER

(acknowledgment)

STATE OF TEXAS BEFORE

by Chrise Windy the Debug day of a Texas limited liability company, on behalf of said company.

of NORTHTRAIL, LLC,

Notary Public State of Texas Notary's same (printed):

> SYLVIA VELADUBOSE NO RYPUBLIC ST. EOFTEXAS My Cor : 1. Exp. 08-19-2014

Filed and Recorded Official Public Records Joy Streater, County Clerk Comal County, Texas 05/17/2012 09:29:31 AM DARLA 2 Page(s) 201206017555



OSSF DE	VELOPMENT APPLICATION CHECKLIST	Staff will complete shaded
	RECEIVED	items Date Received initials
	TOCIVED	
	DEC 31 2018	Permit Number
	COUNTY ENGINEER	
Instructions:	LINGHNEER	
Place a chec	k mark next to all items that apply. For items that do not apply, place "N/A checklist must accompany the completed application.	". This OSSF Development
OSSF P	ermit	
X	Completed Application for Permit for Authorization to Construct an On-Sit Operate	te Sewage Facility and License to
X	Site/Soil Evaluation Completed by a Certified Site Evaluator or a Profess	ional Engineer
X	Planning Materials of the OSSF as Required by the TCEQ Rules for OSS shall consist of a scaled design and all system specifications.	SF Chapter 285. Planning Materials
X	Required Permit Fee	
X	Copy of Recorded Deed	
X	Surface Application/Aerobic Treatment System	
	X Recorded Certification of OSSF Requiring Maintenance/Affidavit to	the Public
	X Signed Maintenance Contract with Effective Date as Issuance of Li	cense to Operate
	I have provided all information required for my OSSF Development Apa completed OSSF Development Application.	oplication and that this application
4	Signature of Applicant	12/31/19 Date
CO		ETE APPLICATION Circled, Application Refused)

1.	Actual Date of Visit:	2	1-10-202	0
2	System Inspection of:	Owner: 57 Address: 75 City, State, Zip: 5	B TX 180	170
l.	4	Otht		No. Applicable
Ins	pected Items:	Operational	Inoperative	Not Applicable
Air	Aerator	e visit. Operation of effl	uent disposal system and sprinkler operation	must be made each
3.	Repairs to system (list all compo	nent replaced):		-
4.	Tests Required and Results:			
	Test F	lequired	Results	Test Method
	BOD (Grab)	o		-
	TSS (Grab)	0		
	Chlorine Residual			
5. (Comments:	•		
Sig	nature of Inspector: Tom	moos Lic	ense # 0S0	021683

2	System Inspection of:	Owner: Address: City, State, Zip:	TAN PO	18076
Insp	pected Items:	Operational	Inoperative	Not Applica
	Aerator	<u> </u>		
	Aeration Plumbing	_/		
	Air Filter	-1		
	Effluent Pump	o/		
	Chlorinator			
3.	Repairs to system (list all co	omponent replaced):		
	Repairs to system (list all co			
			Results	Test Method
	Tests Required and Results	3 :		
	Tests Required and Results Test	Required		
3.	Tests Required and Results Test BOD (Grab)	Required		
4.	Tests Required and Results Test BOD (Grab) TSS (Grab) Chlorine Residual	Required		

1.	Actual Date of Visit:		0-13 - 20	
2	System Inspection of:	Owner: 5 Address: 26 City, State, Zip: 5	1 SUN VA	E 8070
Ins	pected Items:	Operational	Inoperative	Not Applicable
Aeration Plumbing				
4.				
	Test	Required	Results	Test Method
5. (BOD (Grab) TSS (Grab) Chlorine Residual	0		
-	nature of Inspector: 10m	- M	icense #0	S0021683

1.	Actual Date of Visit:		2-21-21			
2	System Inspection of:	Owner: Address: City, State, Zip:	TAN POE OI SUN U BB TX TS	ALC 67 070		
Ins	pected Items:	Operational	Inoperative	Not Applicable		
	Aerator					
Repairs to system (list all component replaced):						
4.	Tests Required and Results:					
	Test	Required	Results	Test Method		
	BOD (Grab)	0				
	TSS (Grab)	0				
	Chlorine Residual	<u> </u>				
5. Comments:						
Signature of Inspector: 18th Moss License # 050021683						

108598

1.	Actual Date of Visit:		0-21-2	2/_	
2	System Inspection of:	Owner: Address: City, State, Zip:	TAN PO DI SUN VI B TX 7	DE ALLEY 8070	
Ins	pected Items:	Operational	Inoperative	Not Applicable	
Air	Aerator	e visit. Operation of ef	fluent disposal system	n must be made each	
3.	Repairs to system (list all component replaced):				
4.	Tests Required and Results:				
	Test Re	equired	Results	Test Method	
	BOD (Grab)	<u> </u>			
	TSS (Grab)	_	_		
	Chlorine Residual				
5.0	Comments:				
Sig	nature of Inspector: 10M	Moor	cense #0\$	60021683	

108598

1.	Actual Date of Visit:	_	10-25-	21
2	System Inspection of:	Owner:	TAN PO	ALLEY
Insp	pected Items:	Operational	Inoperative	Not Applicable
	Aerator	Project visit. Operation of e		
3.	Repairs to system (list all cor Tests Required and Results:	nponent replaced):		
	Test	Required	Results	Test Method
	BOD (Grab) TSS (Grab) Chlorine Residual	0 -		
5. 0	Comments:	7-09		
Sig	nature of Inspector. Tow	n Moor	icense #0	S0021683