

Comal County

OFFICE OF COMAL COUNTY ENGINEER

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: 08/26/2019 Permit Number: 108654

Location Description: 1033 MOONLIGHT DR

CANYON LAKE, TX 78133

Subdivision: The Hills at Mountain Springs Ranch

Unit:

Lot: 612

Block: Acreage:

Type of System: Aerobic

Surface Irrigation

Issued to: John M. Cottingham

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

RONMENTAL HEALTH INSPECTOR

OS0007722

NVIRONMENTAL HEATTH COORDINATOR

Installer Name: COUNTY				V-2 Clarence	Date: 8-26-	19 /
1st Inspection Date: 8/2 Inspector Name: W. Ke		2nd Inspection Da	te:		. /*	π
1		Inspector Name:			Name: MANT	
Permit#: 10865		West of the second seco	Address: Hills @	Mt. Spain		
No. Description SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials	Anwser	285.31(a); 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);	Note		18tInsp.	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)		285.32(a)(1)	of the appears and the second			
SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot		.285.32(a)(3)		· ,		·
SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	}	285.32(a)(5)				
PRETREATMENT installed (if required) TCFQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements	2	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)(E) 285.32(b)(1)(C)(i) 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)(II) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(II)				
PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

08-20-19 MT

Covered 8-26-19 JC

tank Set level No leats Operational

coverall

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		285.91(2)		
- {:	SingleTank, 2		285.32(b)(1)(F)		
	Compartments Provided with	*	285.32(b)(1)(E)(iii)		
	Baffle SEPTIC TANK Inlet Flowline		285.32(b)(1)(E)(ii)(II)		3 6 6 7
	Greater than	(285.32(b)(1)(E)(ii)(I)	그렇게 하고 가고 그는 날뛰어 그래, 어느 네	
	3" and "T" Provided on Inlet and	1 * - 1 2	285.32(b)(1)(E)(i)		
	Outlet				
	SEPTIC TANK Septic Tank(s) Meet	· · ;	285.32(b)(1)(D)	그 微熱 그리지의 시간선療[[12 호롱] 그가 되다	,
	Minimum Requirements		285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(i)		و ما تجي و
· :	within the quite ments of the second	[· ·]			
			285.32(b)(1)(B) 285.32(b)(1)(A)		W);
		1			
- 1			285.32(b)(1)(E)(iv)		
1		,			35, 7, 3, 7, 8, 7, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8,
	ALL TANKS Installed on 4" Sand		20E 22/LV4VCV	그는 흥성 그는 그 사람들은 그는 사람들이 되었다.	
	Cushion/ Proper Backfill Used		285.32(b)(1)(F)		
			285.32(b)(1)(G)		
,		1	285.34(b)	17、物,10、多。 11、种类、2种类、2种	
'	SEPTIC TANK Inspection / Clean	1/2	V		500
	Out Port & Risers Provided on				3
	Tanks-Buried Greater than 121		7705.554.11		
	Sealed and Capped	1 / //	285.38(d)		345
	Seared and Capped	1 3			
to	The state of the s		<u>'</u>		·
	SEPTIC TANK Secondary restraint				
	system provided				• • •
	SEPTIC TANK Riser permanently		· . · · · · · · · · · · · · · · · · · ·		特
	fastened to lid or cast into tank				
-	SEPTIC TANK Riser cap protected		285.38(d)		, · · ·
	against unauthorized intrusions		285.38(e)		
		,	203.30(8)		2.7
11 .	CERTIC TANK Tools Volume			4	· · ·
	SEPTIC TANK Tank Volume Installed	1			: :
12	installed	7,5			
_	PUMP TANK Volume Installed	·			
13					
	AEROBIC TREATMENT UNIT Size				
	Installed			2020	
				06-36	
14		V-0 15.2 (SA	September 1 - Control of the Control		
	AEROBIC TREATMENT UNIT			streem 1	
	Manufacturer				
	AEROBIC TREATMENT UNIT:	12 1		(least)	
	Model	V			
15	Number	YAKK			
	DISPOSAL SYSTEM Absorptive	T	205,33(d)(4)		
			285,33(a)(1)		
			285.33(a)(2)		
16	·	1	285.33(a)(3)		
	DISPOSAL SYSTEM Leaching	-	285.33(a)(1)		
	Chamber		285.33(a)(3)		
			285.33(a)(4)		
		}	285.33(a)(2)		
17			203:33(8)(3)		_
	DISPOSAL SYSTEM Evapo-	-	285.33(a)(4)		
	transpirative	1			
	Cranspirative	1 .	785 33/21/11		
	Cranophativa	1	285.33(a)(1) 285.33(a)(2)		

No.		Anwser	Citations	Notes	1st insp. 2nd Insp.	3rd Insp.
	DISPOSAL SYSTEM Drip Irrigation		285.33(c)(3)(A)-(F)			
19						
13	DISPOSAL SYSTEM Soil	AND REAL REAL PROPERTY.	205 22/4/4)	70000000000000000000000000000000000000	3000 F. 5 V. 5 Sauges & B. 100 B. 100 F. 5	
20	Substitution		285.33(d)(4)		- construction of the state of	servet simurio (Sia Sa, 1 MA)
	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(3)			
21	Linden		285.33(a)(1) 285.33(a)(2)			
21	DISPOSAL SYSTEM Gravelless Pipe	12 10 20 20 20 20 20 20 20 20 20 20 20 20 20	285.33(a)(3)	· Construction of the construction and the construction of the con		Control and Control Co
	· .		285.33(a)(2) 285.33(a)(4)			
			285.33(a)(1)	·	} .	
22	DISPOSAL SYSTEM Mound		285.33(a)(3)			
	DISTOSAL STOTEW Would		285.33(a)(1)			
			285.33(a)(2) 285.33(a)(4)			
23		2.10	200.03(4)			
	DISPOSAL SYSTEM Other (describe) (Approved Design)		285.33(d)(6)	•	<u> </u>	
	(describe) (Approved Design)		285,33(c)(4)	·		
24	DRAINFIELD Absorptive Drainline	147.115.11E				
	3" PVC			47		
25	or:4" PVC DRAINFIELD Area Installed					
26			0.0000			STATE OF STATE
	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			A HONE-HAR		
	Separation DRAINFIELD Depth of	4.				
	Porous Media DRAINFIELD Type of Porous Media					
28						
	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place		285.33(b)(1)(E)			
29	DRAINFIELD Leaching Chambers	7 7 7 7				
	DRAINFIELD Chambers - Open End					
	Plates w/Splash Plate, inspection Port & Closed End Plates in Place		285.33(c)(2)			
	(per manufacturers spec.)		200.55(C)(2)			
		vii				
30						
	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length					
	& Width, and Adequate		285.33(d)(1)(C)(i)			
	Separation Distance between					
31	Trenches					
_	•	· · .	·			

No.	Description	'Anwser	Citations	Notes	1st Insp	2nd Insp. 3rd Insp.
NO.	EFFLUENT DISPOSAL SYSTEM Utilized	- Autorities	CITATIONS (CITATIONS	A CONTRACTOR OF SERVICES AND A CONTRACTOR OF SERVICES	SAN TON WARE A STREET	ind (tobit of trainsbirs)
	Only by Single Family Dwelling					,
•	EFFLUENT DISPOSAL SYSTEM					
	Topographic Slopes			'	į	
	< 2.0% EFFLUENT DISPOSAL SYSTEM					
	Adequate Length of Drain Field (1000		285.33(b)(3)(A)	·		
1	Linear ft. for 2 bedrooms or Less		285.33(b)(3)(A)			
	& an additional 400 ft. for each additional bedroom)		285.33(b)(3)(B)			
	EFFLUENT DISPOSAL SYSTEM Lateral		285.91(13)			
	Depth of 18 inches to 3 ft. & Vertical	1	285.33(b)(3)(D)			
	Separation of 1ft on bottom and 2 ft. to		285.33(b)(3)(F)	•		ì
1	restrictive horizon and ground water		1			1
	respectfully		1	-		
1	EFFLUENT DISPOSAL SYSTEM Lateral			,		
	Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes (3/16 - 1/4" dia. Hole Size) 5 ft. Apart					
ı	(3/16-1/4 dia. Hole Size) 5 ft. Apart					
32_	AEROBIC TREATMENT UNIT IS	SANT FO		ATRICATE OF THE STATE OF THE ST		REAL VIEW COMMENTS
					פבינה 🖟	
	Aerobic Unit Installed According		285.32(c)(1)		2d4	
33	to Approved Guidelines.				~ 2d.7	
33	AEROBIC TREATMENT UNIT	2 S			· · · · · · · · · · · · · · · · · · ·	
	Inspection/Clean Out Port &					
	Risers Provided	14 B				
	AEROBIC TREATMENT UNIT					
	The state of the s					
	Secondary restraint system					对称法的表示 设
	provided AEROBIC TREATMENT					
	UNIT-Riser permanently fastened					
	to lid or cast into tank					
	AEROBIC TREATMENT UNIT Riser					
	cap protected against					
34	unauthorized intrusions					
	AEROBIC TREATMENT UNIT	VIII A				
	Chlorinator Properly Installed with					
35 -	Chlorine Tablets in Place.				7.5	
	PUMP TANK Is the Pump Tank an					
1	approved concrete tank or other					
1	acceptable materials &					
1	construction	:				
l	PUMP TANK Sampling Port	į. ·		,		
	Provided in the Treated Effluent		t ₃			
	Line	1 3			.]:	
	PUMP TANK Check Valve and/or			·		, ,
	Anti- Siphon Device Present When	' ·	*	· .		
	Required					. :
	PUMP TANK Audible and Visual	٠,	·		'	
	High Water Alarm Installed on					
36	Separate Circuit From Pump					
	PUMP TANK Inspection/Clean Out	-		· · · · ·		1
	Port & Risers Provided					,
	PUMP TANK Secondary restraint			·		
	system provided				1	
	PUMP TANK Riser permanently			· .		
	fastened to lid or cast into tank	1		·		
	PUMP TANK Riser cap protected					
	against unauthorized intrusions			, ,		'
37		L				
	PUMP TANK Secondary restraint					
1.	system provided			1		
38						
38	PUMP TANK Electrical					, [
	PUMP TANK Electrical Connections in Approved Junction	/				, ()
	PUMP TANK Electrical	/				, (

No.	Description	Anwser	Citations		Notes	2796	1st Insp:	2nd Insp.	3rd Insp.
	APPLICATION AREA Distribution		285:33(d)(2)(G)(iii)(II)285.3				.02		
	Pipe, Fitting, Sprinkler Heads &		3(d)(2)(G)(iii)(III)285.33(d)(08′		
	Valve Covers Color Coded Purple?		-2)(G)(v)				30		
			285:33(d)(2)(G)(iii)				o cla		
ļ			285.33(d)(2)(G)(iv) :285.33(d)(2)(G)(i)				30 iq		
			.285.33(d)(2)(G)(ii)						
	Park Salas Salas Care		285.33(d)(2)(G)(iii)(l)		Wall fall of		1		100
40									
	APPLICATION AREA Low Angle	No.							
	Nozzles Used / Pressure is as								
	required								
	APPLICATION AREA Acceptable Area, nothing within 10 ft of		285.33(d)(2)(G)(i)						
1	sprinkler heads?		285:33(d)(2)(A)						1000000
	APPLICATION AREA The		285.33(d)(2)(F)						
	Landscape Plan is as Designed.								
41	2. (19) (19) (19) (19) (19) (19) (19) (19)								V
7	APPLICATION AREA Area Installed	Tribal M		- Care 100 100 170	ARRIES V	× 323			
42						4.0			
۳	PUMP TANK Meets Minimum	3. 4. 19. 2. 44.8	20 CAMES 11	The supplementary was a series	The state of the s		:		
-	Reserve Capacity Requirements							6.	
43			¥						1.
	PUMP TANK Material Type &							1	
44	Manufacturer					•			
[·	PUMP TANK Type/Size of Pump		»			• ,	Α.		
45	Installed	1). 9.				÷	;

	Installer Name: Country	ly sid	e	OSSF Installer #: 05	<u> 0000</u>	29		
	1st Inspection Date: 8/2	0/19	2nd Inspection Da	ite: 3r	rd Inspection	Date:		
	Inspector Name: Wike	7.	Inspector Name:_		Inspector I	Name:		·
	Permit#: 10865	4		Address: Hills @ MH.	SpRing	s/ 103.	Moon	Jight 3rd Insp.
No.	Description	Anwser	Citations	Notes	5. Asami	1st Insp.	2nd Insp.	3rd Insp.
	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)			9019 04,30		
. 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)					
	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot		285.32(a)(3)		-			
	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)285.32(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)(ii)(II) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(II)					
6	PRETREATMENT Grease	12702 M					Maria Villa Arti	

285.34(d)

08-20-19 MT

commercial

Interceptors if required for

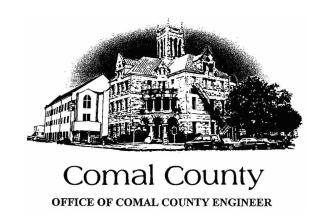
tank Set level No leats
operational
Coverall

No. Description	Anwser	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
SEPTIC TANK Tank(s) Clearly	1 - 27	285.32(b)(1)(E)				, , , ,
Marked SEPTIC TANK If	11.2	285.91(2)				
SingleTank, 2	3.7	285.32(b)(1)(F)	,			
Compartments Provided with	*	285.32(b)(1)(E)(iii)				
Baffle SEPTIC TANK Inlet Flowline	1 1 1	285.32(b)(1)(E)(ii)(II)				
Greater than		285.32(b)(1)(E)(ii)(I)].	
3" and "T" Provided on Inlet and		285.32(b)(1)(E)(i)		1		
Outlet		285.32(b)(1)(D)	[마음화 - 그는 하는 얼마를		ļet je i	
SEPTIC TANK Septic Tank(s) Meet	1 9	285.32(b)(1)(C)(ii)				
Minimum Requirements		285.32(b)(1)(C)(i)				
		285.32(b)(1)(B)				
		285.32(b)(1)(A)		1.		
- [.] K. K. H. L. H.		285.32(b)(1)(E)(iv)				
	7	* ***		a		
ALL TANKS Installed on 4" Sand	3.43					
Cushion/ Proper Backfill Used	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	285.32(b)(1)(F)				
custnotty Froper Backitti Oseu		285.32(b)(1)(G)	### ### ### ### ### #### #############			
		285.34(b)				
9 2 3 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	- 5	Y				
SEPTIC TANK Inspection / Clean].	
Out Port & Risers Provided on						
Tanks Buried Greater than 12"	1 . '	285.38(d)			i.	
Sealed and Capped						्रीकेट्री
10	133	V 428			· .	rings 81
SEPTIC TANK Secondary restraint			* 2 ·			
system provided	9.0			1	, .	* '3''
SEPTIC TANK Riser permanently	1.5			1		14.
fastened to lid or cast into tank			g.	·		
SEPTIC TANK Riser cap protected	1	205.20/4)			1 .	
against unauthorized intrusions		285.38(d)				
	,	285.38(e)				2 at -
SEPTIC TANK Tank Volume		. '.	*			
Installed					<u> </u> . •	
12	5.6					
PUMP TANK Volume Installed						1
13			-			
AEROBIC TREATMENT UNIT Size				A 1A		
Installed	1			08,20		
14				9019 08770		
AEROBIC TREATMENT UNIT						
Manufacturer			Ctreom			
AEROBIC TREATMENT UNIT			(1005)			
Model	V		U" M			
Number			Clear Stream			
DISPOSAL SYSTEM Absorptive	D X. C. N 2 3 15 (19)	285.53(8)(4)	 ** *** *** *** *** *** *** *** *** ***	7 Same - 1 Same - 1 Same	*******	Contractions 57.52 22.5
		285.33(a)(1)				
		285.33(a)(2)				
16	1	285.33(a)(3)				
DISPOSAL SYSTEM Leaching		285.33(a)(1)				
Chamber		285.33(a)(3)				1
		285.33(a)(4)				
		285.33(a)(2)				
DISPOSAL SYSTEM Evapo		283:33(8)(3)		+		
DISPOSAL SYSTEM Evapo-		285.33(a)(4)				
transpirative		285.33(a)(1)				
		285.33(a)(2)				
18	<u></u>			_L	Ţ	l

No.	Description	Anwser	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
	DISPOSAL SYSTEM Drip Irrigation		285.33(c)(3)(A)-(F)				
19							_
	DISPOSAL SYSTEM Soil	.	285.33(d)(4)				
20	Substitution	000 V 7V July 1000	TOTAL CONTROL STATE OF THE STAT			dhili masan kato	E #5#C04399-F 1.3/1
	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(3)				
	Emuent		285.33(a)(1)				
21	DISPOSAL SYSTEM Convelled Biog		285.33(a)(2) 285.33(a)(3)				
	DISPOSAL SYSTEM Gravelless Pipe		285.33(a)(2)	•			
			285.33(a)(4)				
			285.33(a)(1)	•			
22	DISPOSAL SYSTEM Mound		285.33(a)(3)		Selection of the select		
,	DISPOSAL STSTEW Would		285.33(a)(1)				
			285.33(a)(2)				
			285.33(a)(4)				
23	DISPOSAL SYSTEM Other		005		\$\$1.4\$\$ <u>\$</u>		
	(describe) (Approved Design)		285.33(d)(6)				
	(acounte) (approved Design)		285.33(c)(4)				
24	DRAINFIELD Absorptive Drainline						
	3" PVC						
25	or 4" PVC						
23	DRAINFIELD Area Installed						
26		37 Janes Janes					7 (E C 195 1 1 2)
	DRAINFIELD Level to within 1 inch						
	per 25 feet and within 3 inches over entire excavation		285.33(b)(1)(A)(v)				
	lover entire excavation						
27	DRAINFIELD Excavation Width						
	DRAINFIELD Excavation Depth						
	DRAINFIELD Excavation						
	Separation DRAINFIELD Depth of						
	Porous Media						
	DRAINFIELD Type of Porous Media						
28	DDAINGE D Discourt Consul						
	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place		285.33(b)(1)(E)				
29	DRAINFIELD Leaching Chambers						
	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.)		255.55()(4)				
30							
	LOW PRESSURE DISPOSAL	. a Par-Ka©B	and the second s	A TOTAL STATE OF THE STATE OF	, s as As -7.52V3	V330 C. 11	A 4000 A 4 10. 10. 10. 1
	SYSTEM Adequate Trench Length	i					
	& Width, and Adequate		285.33(d)(1)(C)(i)				
	Separation Distance between						
31	Trenches						

No.	Description	Anwser	Citations	Notes	1st insp.	2nd Insp.	3rd Insp.
-	EFFLUENT DISPOSAL SYSTEM Utilized	~ ^ / / / /	many reserves				
	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		285.33(b)(3)(A)				
	& an additional 400 ft. for each		285.33(b)(3)(A)				
	additional bedroom)		285.33(b)(3)(B) 285.91(13)				
	EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. & Vertical		285.33(b)(3)(D)	•			
	Separation of 1ft on bottom and 2 ft. to		285.33(b)(3)(F)	· ·			
	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			•			
32_		3 - 1200 F				12007, NS2014 J. 160	•
	AEROBIC TREATMENT UNIT IS Aerobic Unit Installed According	-/-			ووريمر		
	to Approved Guidelines.	٧	285.32(c)(1)		2019 08-20		
33		. Y			` بدير:		
	AEROBIC TREATMENT UNIT						
	Inspection/Clean Out Port & Risers Provided						
	AEROBIC TREATMENT UNIT				4		
	Secondary restraint system						
	provided AEROBIC TREATMENT						
	UNIT Riser permanently fastened						
	to lid or cast into tank						
	AEROBIC TREATMENT UNIT Riser	1			1		
	cap protected against unauthorized intrusions						
34	AEROBIC TREATMENT UNIT						
	Chlorinator Properly Installed with				\		
35	Chlorine Tablets in Place.						
	PUMP TANK Is the Pump Tank an approved concrete tank or other	1					
	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	1					
	High Water Alarm Installed on						
36	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						
37	PUMP TANK Secondary restraint						
38	system provided	9	/				
	PUMP TANK Electrical	. /			/		
	Connections in Approved Junction						
39	Boxes / Wiring Buried	L	L., ,			l	

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)(i) 285.33(d)(2)(G)(ii) 285.33(d)(2)(G)(iii)(I)		08-, 2019		
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					e	
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed	.e.					



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

Permit Number: 108654

Issued This Date: 01/29/2019

This permit is hereby given to: John M. Cottingham

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

1033 MOONLIGHT DR CANYON LAKE, TX 78133

Subdivision: The Hills at Mountain Springs Ranch

Unit:

Lot: 612

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

DateDe	cember 20, 2018		Permit #	108654
Owner Name	JOHN M COTTINGHAM	Agent Name	GREG W.	JOHNSON, P.E.
Mailing Address	c/o 2660 COMMON ST # 203	Agent Address		OLLOW OAK
City, State, Zip	NEW BRAUNFELS TEXAS 78130	City, State, Zip	NEW BRAU	JNFELS, TX 78132
Phone#	830-629-6600	Phone #	(830	0) 905-2778
Email	abrandt@sierraclassic.com	Email	gregjohase	onpe@yahoo.com
All corresponden	ce should be sent to: Owner Agent	Both	Method: Mail	⊠ Email
Subdivision Nam	DE THE HILLS AT MOUNTAIN SPRINGS RANCH UNITPH	ase/Section	Lot 612	Block
Acreage/Legal		The state of the s		NA VIII - DINIMINI DE LA COMMUNICATION DE LA C
Street Name/Add	dress 1033 MOONLIGHT DRIVE		ANYON LAKE	Zip 78133
Type of Develop	oment:			
Single Family	Residential			
Type of Co	onstruction (House, Mobile, RV, Etc.)	HOUSE		RECEIVED
	Bedrooms 5			JAN 1 8 2019
Indicate So	q Ft of Living Area 4048			5 AT 1 8 ZUIS
Type of Fa Offices, Fa Restauran Hotel, Mote	actories, Churches, Schools, Parks, Etc Indicate, Lounges, Theaters - Indicate Number of Sel, Hospital, Nursing Home - Indicate Number iller/RV Parks - Indicate Number of Spaces	eats of Beds	ocupants	
Estimated Cost of	of Construction: \$ 590,000 (Struct	ure Only)		
	the proposed OSSF located in the United Sta (if yes, owner must provide approval from USACE for			
	Public Private Well Devices Being Utilized Within the Residence	e?⊠Yes ☐ No		
-Authorization is here site/soil evaluation: -I also understand that by the Comal Count	cation and all additional information submitted does not eby given to the permitting authority and designated ago and inspection of private sewage facilities. at a permit of authorization to construct will not be issue by Flood Damage Prevention Order. ent to the online posting/public release of my e-mail addition	ents to enter upon the all duntil the Floodplain Adverses associated with this Date	pove described property iministrator has perform permit application, as a	of the purpose of sed the reviews required applicable. Page 1 of 2

* COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH * * *

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

System Description	PROPRIETARY; AEROBIC TREATMENT AND SURFACE IRRIGATION
Size of Septic System Re	equired Based on Planning Materials & Soil Evaluation
Tank Size(s) (Gallons) _	CLEARSTREAM 600NC3T Absorption/Application Area (Sq Ft) 5654
	er TCEQ Table III) 360
Sites generating more tha	in 5000 gallons per day are required to obtain a permit through TCEQ)
s the property located o	over the Edwards Recharge Zone? Yes No
f yes, the planning materi	als must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))
e there an evicting TCF	Q approved WPAP for the property? Yes No
	nall certify that the OSSF design complies with all provisions of the existing WPAP.)
700, 110 71. 0. 0. 1 . 2. 0.	and dotally that the edge design complete than an providing of the extension of the
f there is no existing Wi	PAP, does the proposed development activity require a TCEQ approved WPAP? Yes No
	hall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Permit to Construct will osed OSSF until the proposed WPAP has been approved by the appropriate regional office.)
the property located o	over the Edwards Contributing Zone? Yes No
s there an existing TCE	Q approval CZP for the property? X Yes No
f yes, the P.E. or R.S. sha	all certify that the OSSF design complies with all provisions of the existing CZP)
there is no existing CZ	ZP, does the proposed development activity require a TCEQ approved CZP? Yes No
	all certify that the OSSF design will comply with all provisions of the proposed CZP. A Permit to construct will)
not be issued for the prop	posed OSSF until the CZP has been approved by the appropriate regional office.)
s this property withi	n an incorporated city? Yes No
	ATE OF TET
f yes, indicate the ci	ity:
	GREG W. JOHNSON
	7 67587 D
	IN C. SCIOTER.
	TESON ENGINE
	A GISTER ALL FIRM #2585
	FIRM #2585
v signing this application.	
The information provided	I certify that: above is true and correct to the best of my knowledge.
	I certify that:
The information provided	I certify that: above is true and correct to the best of my knowledge.

RECEIVED

By rabsah at 10:10 am, Jan 29, 2019

Greg W. Johnson, P.E. 170 Hollow Oak New Braunfels, Texas 78132 830/905-2778

January 28, 2019

Comal County Office of Environmental Health 195 David Jonas Drive New Braunfels, Texas 78132-3760

RE- SEPTIC DESIGN - #108654 1033 MOONLIGHT DRIVE THE HILLS AT MOUNTAIN SPRINGS RANCH, LOT 612 CANYON LAKE, TX 78133 COTTINGHAM RESIDENCE

Ms. Brenda Ritzen/Sandra Hernandez,

The referenced property is located within the Edwards Aquifer Contributing Zone. This OSSF design will comply with requirements in the CZP.

Temporary erosion and sedimentation controls should be utilized as necessary prior to construction. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, activities must be suspended immediately and the applicant or his agent must immediately notify the TCEQ Regional Office. After that operations can only proceed after the Executive Director approves required additional engineered impact plans.

Designed in accordance with Chapter 285, Subchapter D, §285.40,285.41, & 285.42, Texas Commission on Environmental Quality (Effective December 29, 2016).

Greg W. Johnson, P.E. No. 67587 / F

170 Hollow Oak

New Braunfels, Texas 78132 - 830/905-2778

Greg W. Johnson, P.E.

170 Hollow Oak New Braunfels, Texas 78132 830/905-2778

December 23, 2018

Comal County Office of Environmental Health 195 David Jonas Drive New Braunfels, Texas 78132-3760

RE: SEPTIC DESIGN

1033 MOONLIGHT DRIVE

THE HILLS AT MOUNTAIN SPRINGS RANCH, LOT 612

COTTINGHAM RESIDENCE

Ms. Ritzen/Hernandez,

A portion of this property has a building setback line/RBA easement in the back portion of the lot, where the aerobic spray is proposed to be located. The property slopes approximately eight percent and is not in an area where seeps will occur.

Additionally, the spray area is not in an area where a flow with a velocity able to damage the piping will occur and does not contain any ditches, swales, or drainage features. No setbacks are required.

Respectfully,

Greg W. Chnson, P.E. No. 67587 / F-2585

170 Hollow Oak

New Braunfels, Texas 78132 - 830/905-2778



201906001958 01/17/2019 02:27:57 PM 1/1

AFFIDAVIT

15

THE COUNTY OF COMAL STATE OF TEXAS

CERTIFICATION OF OSSF REQUIRING MAINTENANCE

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.

1

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.

 Π

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):
UNIT/PHASE/SECTION BLOCK 612 LOT THE HILLS AT MOUNTAIN SPRINGS RANCH SUBDIVISION
IF NOT IN SUBDIVISION: ACREAGE SURVEY
The property is owned by (insert owner's full name): JOHN M. COTTINGHAM
This OSSF must be covered by a continuous maintenance contract for the first two years. After the initial two-year service policy, the owner of an aerobic treatment system for a single family residence shall either obtain a maintenance contract within 30 days or maintain the system personally.
Upon sale or transfer of the above-described property, the permit for the OSSF shall be transferred to the buyer or new owner. A copy of the planning materials for the OSSF can be obtained from the Comal County Engineer's Office.
WITNESS BY HAND(S) ON THIS / DAY OF / MUM ,20/
Owner(s) signature(s) JOHN M. COTTINGHAM Owner (s) Printed name (s)
JOHDM. COTTINGHAM SWORN TO AND SUBSCRIBED BEFORE ME ON THIS DAY OF THIS AREA FOR COMAL COUNTY CLERK RECORDING PURPOSES ONLY
Filed and Recorded Notary Public Signature Official Public Records
Bobbie Koepp, County Clerk Comal County, Texas
01/17/2019 02:27:57 PM Comm. Expires 04-23-2019 Notary ID 12807453-6 TERRI 1 Page(s) 201906001958
(Notary Seal Here) Bobbie Koepp

Countryside Construction, Inc. 300 Chapman Parkway, Canyon Lake, TX. 78133 Phone: 830-899-2615 or 1-888-379-3721 Fax: 830-899-6662

Septic System Service Agreement In consideration of payment for this service contract, we will abide by and agree to its terms and conditions:

in obligation of paymont for the contract, to this added by and agree to be contracted.
Name: JOHN M. COTTINGHAM Address: 1033 MOONLIGHT DRIVE
Name: Address: Address:
Sub-Div./County: HILLS AT MOUNTAIN SPRINGS / COMAL City, State-Zip: CANYON LAKE, TX 78133
Permit #: Model #: CLEARSTREAM 600NC3T Serial #:
Phone #:
(X) Initial Two Year Service Agreement () One Year Service Agreement
& Two Year Limited Warranty
The effective date of this initial maintenance contract shall be the date the License to Operate is issued.
Legal Description: THE HILLS AT MOUNTAIN SPRINGS RANCH, LOT 612
This contract will be in effect FROM LTO TO and will provide the following:
A: An inspection/service call every (4) four months which will include: inspection, adjustments and servicing
of the mechanical & electrical components as necessary to insure proper function of the system.
B: An effluent quality inspection consisting of a visual check for color, turbidity, scum, overflow and odor.
C: The property owner is responsible for "purchasing and keeping chlorine" in the chlorinator, (if applicable).
If the chlorine test reveals "No Chlorine" in the system, the property owner may incur an additional cost.
D: If any improper operation is observed (which cannot be corrected at that time) the property owner will be
notified immediately of the conditions and the estimated cost.
E: The response time to a complaint by the property owner regarding operation of the system, shall be within <u>"48</u>
hours," from the time of notification.
F: ANY PARTS, WARRANTY OR NON-WARRANTY, OR FREIGHT CHARGES, LABOR OR SERVICE CALLS
DUE NOT PAID FOR REMAIN THE PROPERTY OF COUNTRYSIDE CONSTRUCTION AND COULD RESULT
IN REPOSSION OF PARTS BY COUNTRYSIDE CONSTRUCTION.
G: THE SIGNING OF THIS SERVICE AGREEMENT AUTHORIZESCOUNTRYSIDE CONSTRUCTION TO ENTER
THE PROPERTY TO EXECUTE ALL TERMS OF THIS CONTRACT.
Countries Countries to 1981 and 1981 an
Countryside Construction, Inc., will warranty installation of the septic system to be according to state and country
regulations and the designs approved by the county. HOMEOWNER WILL BE RESPONSIBLE FOR SERVICE CALLS,
LABOR AND SHIPPING COSTS ON ANY "WARRANTED PARTS" EXCHANGED DURING WARRANTY. All other
components will be according to manufacture's warranties.
Important: As Countryside Construction, Inc. cannot control what or how much effluent goes into this septic system.
we cannot warranty how the system will function. Refer to manufacturers or installer's instructions, for suggestions on
septic operation. This service agreement does not cover the cost of "Service Calls, Labor or Materials that are
required or parts out of warranty, the failure to maintain electrical power to the system, sprinklers that are broken,
leaking, stopped-up or otherwise mal-functioning; or sewage flows exceeding the hydraulic/organic design capabilities and
the input of non-biodegradable materials (solvents, grease, oil, paints, etc.), or any usage contrary to the requirements as
advised by authorized service representative. Laboratory test work is available at an additional cost. Chlorine, filters, or
parts that are out of warranty are available at a reasonable cost.
This contract does not include the <u>pumping of a tank</u> or of any <u>compartment of a tank</u> , <u>or settlement of soil on or</u>
around any part of the system regardless of reason:
Violations of the warranty also include: Disconnecting the alarm, restricting ventilation to the aerator, over loading the
system above its rated capacity; or flooding by external means. Rodent, insect or Fire Ant damage or any other form of
unusual abuse is a violation.
A renewal service contract should be "Activated" (30) thirty days before expiration of existing contract. We will
contact property owner prior to expiration of existing contract.
Serviced by: Countryside Construction Inc.
Walker Chapman - Operator Licensee #2929
XII. 111/10
Print Name (X) JOHN M. COTTINGHAM Date:
Property Owner Signature
(X) / William (Chapman Date: 1/11/19 Authorized Service Representative (revised 10/9/09)
The same to the sa

ON-SITE SEWERAGE FACILITY SOIL EVALUATION REPORT INFORMATION

Date Soil Surve	y Performed:	December 23, 2018
Site Location:	1033 MOONI	LIGHT DRIVE - THE HILLS AT MOUNTAIN SPRING RANCH, LOT 612
Proposed Excav	ation Depth:	N/A

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
0-8"	Ш	CLAY LOAM	N/A	NONE OBSERVED	LIMESTONE @ 8"	BROWN

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

I certify that the findings of this report are based on my f	field observations and are accurate	to
the best of my ability.		

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

|2|23|18 | Date

GREG W. JOHNSON

67587

67587

67587

67587

67587

67587

67587

67587

67587

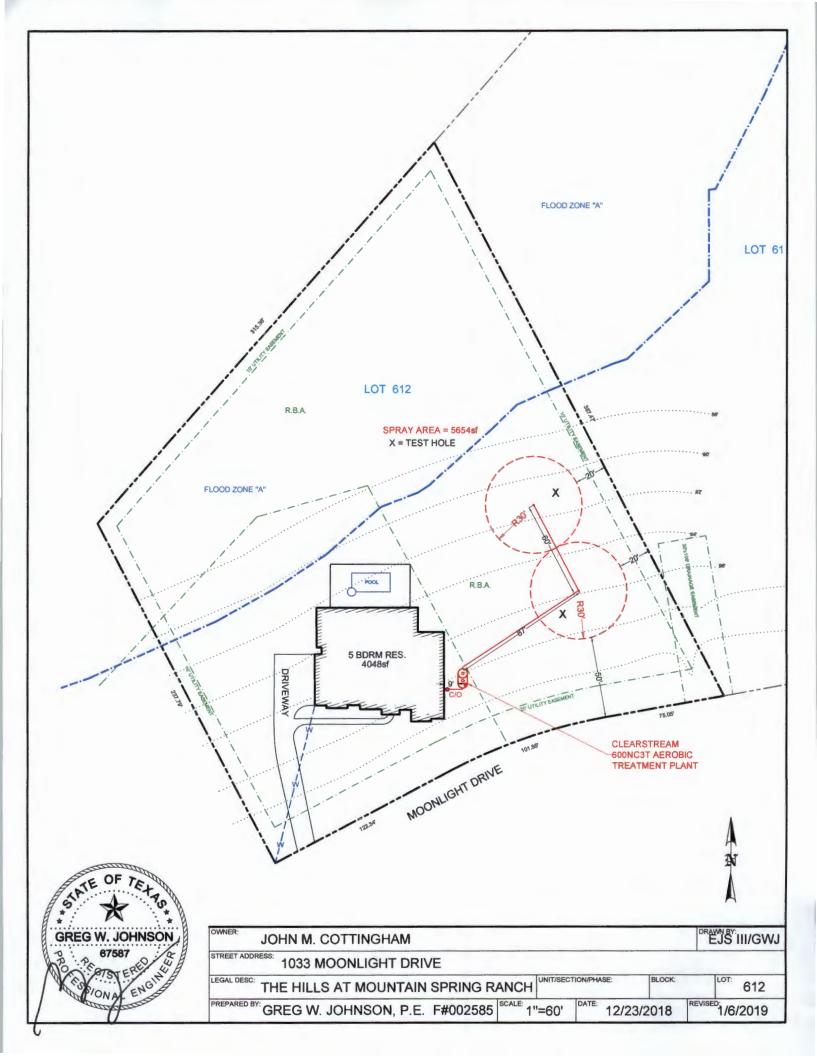
67587

67587

67587

OSSF SOIL EVALUATION REPORT INFORMATION

Date: December 23, 2018	
Applicant Information:	Site Evaluator Information:
Name: JOHN M. COTTINGHAM	Name: Greg W. Johnson, P.E., R.S., S.E. 11561
Address: c/o 2660 COMMON STREET, #203	Address: 170 Hollow Oak
City: NEW BRAUNFELS State: TX	City: New Braunfels State: Texas
Zip Code: 78132 Phone: 830-629-6600	Zip Code: 78132 Phone & Fax (830)905-2778
D. d. I. and d. a.	In stallar Information.
Property Location:	Installer Information:
Lot 612 Unit Blk Subd. THE HILLS AT MOUNTAIN SPRING Street Address: 1033 MOONLIGHT DRIVE	S RANCH Name:
City: CANYON LAKE Zip Code: 78133	
Additional Info.:	Zip Code: Phone
Tonography: Slone within proposed disposel area:	
<u>Topography:</u> Slope within proposed disposal area: Presence of 100 yr. Flood Zone:	YES X NO
Existing or proposed water well in nearby area.	YES NO X
Presence of adjacent ponds, streams, water impoundments	YES NOX
Presence of upper water shed	YES NO X
Organized sewage service available to lot	YES NO X
Organized sewage service available to lot	TESNO_A
Design Calculations for Aerobic Treatment with Spi	rav Irrigation:
Commercial	
Q = 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	
	for water conserving fratures)
Q = (5 +1)*75-(20%) = 360 Trash Tank Size 428 Gal.	
	CRD
TCEQ Approved Aerobic Plant Size 600	
1 11	064 = 5625 sq. ft.
Application Area Utilized = $\frac{5654}{}$ sq. ft.	1: 1 (05 HD 10 C D M
Pump Requirement 6.2 Gpm @ 40 Psi (Re	
Dosing Cycle:ON DEMAND orX	
Pump Tank Size = 700 Gal. 12.28 G	
Reserve Requirement = 120 Gal. 1/3 day flow	
Alarms: Audible & Visual High Water Alarm & Visual	Air Pump malfunction
With Chlorinator	
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	CARLE AND THE WIND AND THE COMMANDE
APPLICATION AREA SHOULD BE SEEDED AND M	IAINTAINED WITH VEGETATION.
I HAVE PERFORMED A THOROUGH INVESTIGATION AND SITE EVALUATOR IN ACCORDANCE WITH CH (REGARDING RECHARGE FEATURES), TEXAS CO (EFFECTIVE DECEMBER 29, 2016)	APTER 285, SUBCHAPTER D, §285.30, & §285.40
A- /	ATE STEET
121	13/18
	DATE GREG W. JOHNSON
GREG W. JOHNSON, P.E. F#002585 - S.E. 11561	DATE 87687 0 8



TANK NOTES:

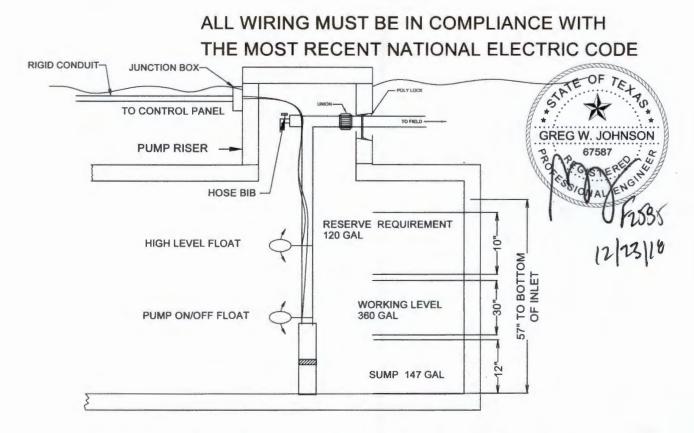
Tanks must be set to allow a minimum of 1/8" per foot fall from the residence.

Tightlines to the tank shall be SCH-40 PVC.

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

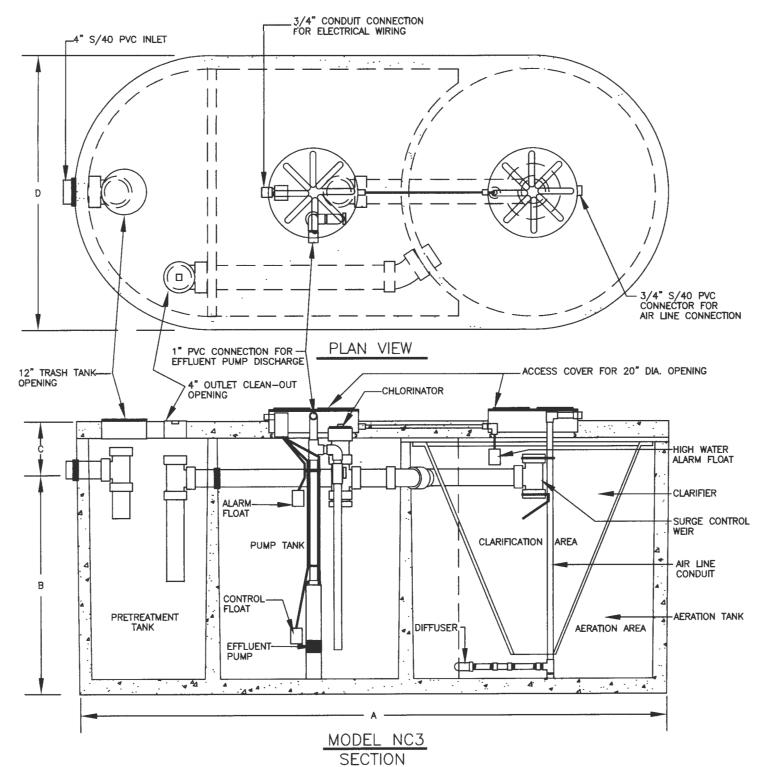
A minimum of 4" of sand, sandy loam, clay loam free of rock shall be placed under and around tanks

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



TYPICAL PUMP TANK CONFIGURATION
CLEARSTREAM 600NC3T W/ 700 GAL PUMP TANK

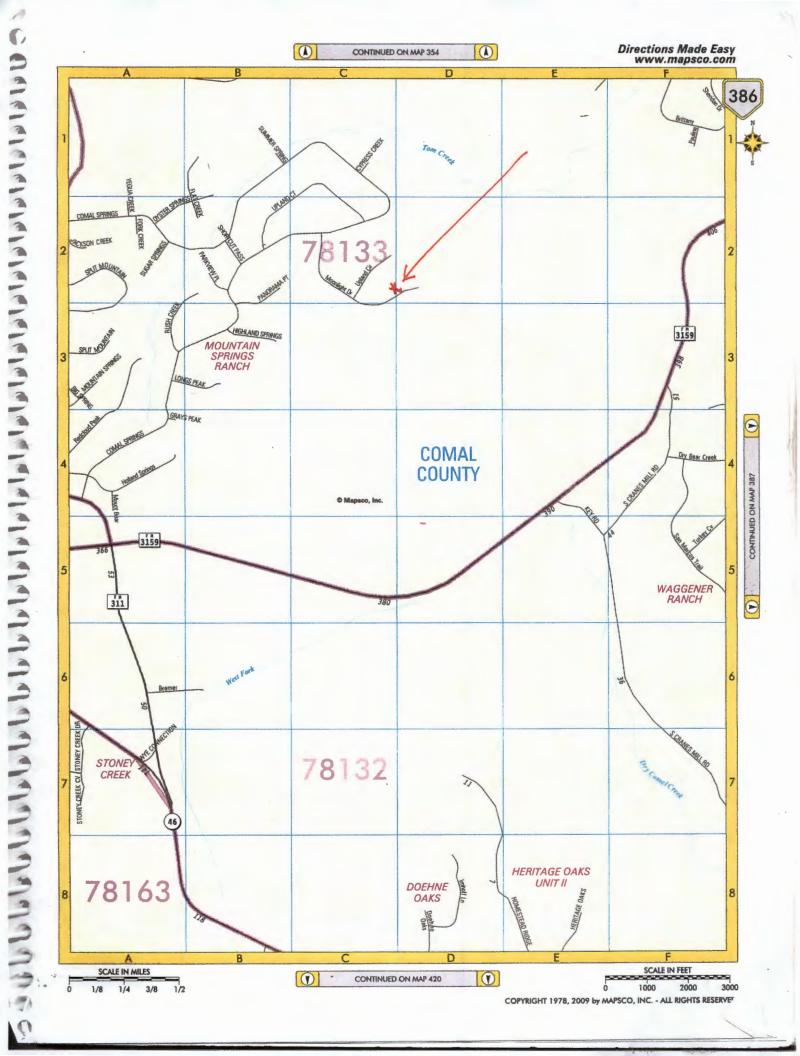
DESIGN DRAWINGS



DIMENSIONAL DATA

MODEL	Α	В	С	D
500NC3-500	12'-2"	60"	10"	75"
500NC3-750	13'-5"	60"	10"	75"
600NC3	12'-7"	60"	10"	82"





Hernandez, Sandra

From: Hernandez, Sandra

Sent: Monday, January 28, 2019 8:59 AM

To: 'Greg Johnson'

Subject: 108654 deficiency comment

RE: The Hills at Mountain Springs Ranch, Lot 612

Greg,

We received planning materials for the referenced permit application on January 18, 2019 and found those planning materials to be deficient. In order to continue processing this permit, we need the following information:

Submit certification that this OSSF complies with provisions of the existing CZP.

If you have any questions, you can email me or call the office.

Thank you, Sandra FILED BY ATC SPRING BRANCH GF# 4000131800493

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

THE STATE OF TEXAS §

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF COMAL 8

Executed on date of acknowledgement to be Effective on: July 20, 2018.

Grantor: Jay K. Duval and wife, Amy Duval

Grantor's Mailing Address: jamyduval @ gma.l. com

Grantee: John M. Cottingham

Grantee's Mailing Address: 11170 Alexander Hays Road, Bristow, Prince William County, Virginia 20136

Consideration: TEN DOLLARS (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.

Property (including any improvements): Lot 612, The Hills at Mountain Springs Ranch, Comal County, Texas, according to plat thereof recorded in Volume 15, Pages 368-373. Map and Plat Records of Comal County, Texas.

Reservations from Conveyance: None.

Exceptions to Conveyance and Warranty: All presently recorded restrictions, reservations, easements, covenants and conditions that affect the property and taxes for the current year, 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. Jay K. Duv Amy Duval THE STATE OF TEXA COUNTY OF This instrument was acknowledged before me on this the , 2018, by Jay K. Duval. **VELDA J BROWN** My Notary ID # 8799534 Expires April 14, 2020 No ary Public, State of Texas, THE STATE OF TEX COUNTY OF This instrument was acknowledged before me on this the , 2018, by Amy Duval. VELDA J BROWN Notary Public, State of Texas My Notary ID # 8799534 Expires April 14, 2020 PREPARED IN THE LAW OFFICE OF: AFTER RECORDING RETURN TO: KRISTEN QUINNEY PORTER, LLC ALAMO TITLE COMPANY P.O. Box 312643 GF No. 4000131800493 Filed and Recorded New Braunfels, Texas 78131-2643 Official Public Records Bobbie Koepp, County Clerk Comal County, Texas 07/24/2018 12:32:15 PM LAURA 2 Pages(s) 201806028837

Bobbie Koepp

OSSF DEVELOPMENT APPLICATION CHECKLIST	Staff will complete shaded
	itama Data Basaiyad
	items Date Received initia
	Permit Number
	Permit Number
Instructions:	
Place a check mark next to all items that apply. For items that do not apply, place "N/A". The Application Checklist must accompany the completed application.	is OSSF Development
OSSF Permit	
Completed Application for Permit for Authorization to Construct an On-Site Sev Operate	vage Facility and License to
Site/Soil Evaluation Completed by a Certified Site Evaluator or a Professional	Engineer
Planning Materials of the OSSF as Required by the TCEQ Rules for OSSF Chashall consist of a scaled design and all system specifications.	apter 285. Planning Materials
Required Permit Fee	
Copy of Recorded Deed	
Surface Application/Aerobic Treatment System	
Recorded Certification of OSSF Requiring Maintenance/Affidavit to the P	ublic
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 Applica constitutes a completed OSSF Development Application.	ition and that this application
Signature of Applicant	/ 17 /19 Date
COMPLETE APPLICATIONINCOMPLETE	APPLICATION
Check No Receipt No (Missing Items Circle	ed, Application Refused)

Revised: January 2015

Phone: 830-899-2615 Fax: 830-899-6662

TESTING AND REPORTING RECORD

This Testing an	d Reporting	Record	shall be complete	ed, sen	ed and dated after	ench inspectio	DE1.	
1. Inspection Date: DECE	BER 26	,2019	Installed:	8/26/	2019 Service	Expirer:	8/26/2021	
JOHN COTTINGHAM 1033 MOONLIGHT DR CANYON LAKE, TX				1033	CAL ADDRESS: MOONLIGHT ON LAKE, T	DR	33	
TELEPHONE: NEED # LOT: LT 612, PERMIT#: 108654 ALT. PHONE: COUNTY: COMAI SUBDIVISION: HILLS AT MTN SPRINGS RANCH Manufacturer: MAPSCO: N/I CLEARSTREAM-600						AL 72		
NOTES: TYPE OF SYSTEM: SPRAY								
Inspected Item:	Operati	onal	Inoperativ	re	2. Action 1		•	
Aerators				4			stem (list all	
3CFM/Compressors P3I Record Freesure Reading	1.0			The same of the sa	components	replaced):		
Filters	1			pools of facility				
Irrigation Pumps	/				CHECKED pump,			
Recirculation Pumps	NIA)		***************************************				
Disinfection Device	1			- Address	Alarm,	FlOA	775,	
Chlorine Supply	1	Kalingal Karaman Market		-				
Electrical Circuits	1			The state of the s	Compr	E, SOM	NKIFRS	
Distribution System	1			and the same of th				
Sprayfield Vegetation	1		Gardina	***************************************	Comm	PSSOR		
Back Flush Drip Field, if applicable	NI	4		Pagental Pagentania				
Other as Noted	1				SYSTEM OPER	ATING AS I	DESIGNED? Y/N	
Access Posts are Secured	1				Yes		No	
3. Tests required and re	sults:							
3	Requi	red		Resul	ts	Test		
and the same of th	Yes	No	mg/1 mpn	/100m	i or Trace	Method		
BOD (Grab)								
TSS (Grab)		/						
Cl(Grab) Fecal Coliform								
recar corrorm								
Copies of this report have	been for		to the follo	owing:	COMAL co		omeowner.	

Date of completion: 12/30/19 Start Job Time: 11:35 Stop Job Time: 11:50

Maintenance Provider: Wollhachepmen

QUNTRYSIDE QUETRUCTION, INC. 300 CHAPMAN PARKWAY CANYON LAKE, TX 78133

From: 850-899-2615 Fax: 830-899-6662

JESTING AND REPORTING RECORD

This Testing and Feporting Pecord shall be completed, signed and dated after each repection

1. Inspection Date: APRIL 26,2020 Installed: 8/26/2019 Service Expires:8/26/2021

BILLING ADDRESS: JOHN COTTINGHAM 1033 MOONLIGHT DR CANYON LAKE, TX

PHYSICAL ADDRESS: 1033 MOONLIGHT DR CANYUN LAKE, TX 78133

TELEPHONE

571-309-8016

LOT: LT 612,

PERMIT#:

108654

ALT. PHONE:

600

COUNTY:

COMAL 11040072

No

SUBDIVISION: HILLS AT MTN SPRINGS RANCH MFG: CLEARSTREAM-

MMFSCO:

N/A

NOTES:

TYPE OF SYSTEM: SPRAY

Imspected Item:	Operational	Inoperative
Aerators 3CFM/Compressors P3I (Record Fressure Reading)	1.0	
Filters		
Irrigation Fumps	/	
Recirculation Pumps	NA	
Disinfection Device		
Chlorine Supply		
Electrical Circuits		
Distribution System		
Sprayfield Vegetation		***************************************
Back Flush Drip Field, if applicable	NA	
Other as Noted	-	
Access Posts are Secured		

2. Action taken or Repairs or Needed repairs to system (list all components replaced):

Alarma Chlorine,

5. Tests required and results:

		iired		Test i	
	Yes.	No	mg/l mpn/100mi or	Method	
	100	day of the state o	E 200 C	Parameter Control	
BOD (Grab)	9			***************************************	
T39 (Grab)			11001		
Cl(Grab)	***************************************	***************************************	and the confirmation of th	\$ \$ \$	
Fermi Coliforn	B 5			**************************************	
		200			

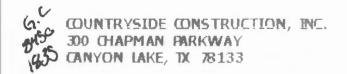
Copies of this report have been forwarded to the following: COMA	L county / homeov	mer.
Maintenance Technician: Mamas	The state of the s	The state of the s
Date of completion: $\frac{4/28/20}{28}$ tart Job Time: $\frac{2.10}{2}$	Stop Job Time: .	2:30
Maintenance Provider: Walku Chypnun		MONORMONO CONTRACTOR CO

COUNTRYSIDE CONSTRUCTION, INC. 300 CHAPMAN PARKWAY CANYON LAKE, TX 78133

Phone: 830-899-2615 Fax: 830-899-6662

TESTING AND REPORTING RECORD

This Testing &	nd Reporting Record :	chall be completed, s	gned and d	sted after each	inspection.	
1. Inspection Date: AUGU	ST 26,2020 In:	stalled: 8/26/	2019 3ex	vice Expi	res:8/26/20	21
BILLING ADDRESS: JOHN COTTINGHAM 1033 MOONLIGHT DR CANYON LAKE, TX	10:	PHYSICAL ADDRESS: 1033 MOONLIGHT DR CANYON LAKE, TX 78133				
TELEPHONE: 571-309-8016 ALT. PHONE: 8450			LOT: LT 612,			108654 COMAL 11040072
SUBDIVISION: HILLS AN	T MTN SPRINGS	RANCH MFG	: CLEAR	STREAM-	MAPSCO:	N/A
NOTE3: Type of 3y3Tem: SPRAY						
Inspected Item: Aerators SCFM/Compressors PSI (Record Pressure	Operational 20	Inoperative	Neede	d repairs nents repi		(list all
Reading) Filters		5				ypressov,
Irrigation Pumps			/	ranzo	Filte	
Recirculation Pumps	11/4			1		-
Disinfection Device	N/ F		Ch	uked	10hm	
Chlorine Supply				1	· F	
Electrical Circuits					Alorin.	s, Float
Distribution System	+ /				14 10 10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Sprayfield Vegetation				lacine	and	Spragers
Back Flush Drip Field,	(/1			10.11		1
if applicable	NA					
Other as Noted			SYSTE	M OPERATI	NG AS DESIG	ned? Øn
Access Posts are Secure	d		7			No
3. Tests required and r	Required	Result	E.	Test		
enter de la constante de la co	Yes No	mg/1 mpn/10		Method		
		Trace				
BOD (Grab)						
T33 (Grab)						
Cl(Grab)		1,0		070		
Fecal Coliform	/					
				1		
Copies of this report hav	e been forwarded	to the following	ng: CC	MAL count	y / homeowne	5 F.
Maintenance Technician:	Mark				× 8	
Date of completion:	haho start	Job Time:	the comment of the State Adjusters where	_ Stop Jo	ob Time:	
Maintenance Provider:	WalkerCk	up men				



Phone: 830-899-2615 Fax: 830-899-6662

	IF	STING .	AND REP	ORTING	FREC	ORD		
This Testing	and Feport	ing Facord	shall be com	pieted, ag	ned and	dered after each	n repection	
1. Inspection Date: DEC	ember 2	26,2020	Installe	d: 8/26	/2019	Service Ex	cpires:8/26/	2021
JOHN COTTINGHAM 1033 MOONLIGHT DR CANYON LAKE, TX				103	3 MO O	ADDRESS: NLIGHT D AKE, TX		
TELEPHONE: 571-309 ALT. PHONE.	-8016			LOT	: LT	612,	PERMIT#: COUNTY: SN:	108654 COMAL 11040072
SUBDIVISION: HILLS A	T MTN !	SPRINGS	RANCH	MFG:	CLEAR	RSTREAM-	MAPSCO:	N/A
NOTES: TYPE OF JYSTEM: SPRAY		٠.٤. ع						
Inspected Item: Aerators SCFM/Compressors PSI (Record Pressure Reading)	Opera	tional	Inopera	tive	Neede		en or Repai to system laced)	
Filters		j						
Irrigation Fumps		/			Ci	HCKIN	Sprinkle	-/<
Recirculation Pumps	d.	10	1				Operace	-143
Disinfection Device	+ 70/	14					Alarn,	
		/	-		PC	2mp,	MOUNT	
Chlorine Supply					_	/	//	
Electrical Circuits	/	/		-		IOMIS, (norne	
Distribution System		,				1.		
Sprayfield Vegetation Back Flush Drip Field, if applicable	N	/A				Comp	cosur	
Other as Noted		1			SYSTE	M OPERATI	NG AS DESIG	NED?
Access Posts are Secure	a cl					(es		No
define the face of								
2. Tests required and								
		uired		esults		Test		
	Yes	No	mg/1 m	pn/100m	T OF	Method		
EOD(Grab)		1		Trace				
T33 (Grah)		-	0	lean				
Cl (Grab)	1		-	u 47				
Fecal Colaform								
						P of Salara		
Copies of this report hav	e been f	Twarded	to the fo	ollowing	: C0	MAL county	y / homeowne	<u> </u>
Date of	17/7	0 3-	Tala Missa		- ^	34	- T 7	
Date of completion //	1/6	6 start	Job Time	-: /	0	_ opop do	o Time: 4	
Maintenance Provider:	wa	Buch	upm					

thone: 830-899-7615 Fax: 830-899-6662

IF TING AND REPORTING RECORD

The state of the s		E 'E T' 'E	ा बहाहर क्यां के	total in the land	der Artes sept and	
Tragatation Table APRIL	26 2021 tes	e=: 3 20	2010 % -	on English	e = ' o, 0	
S LING ADDRESS JOHN COTTINGHAM JOSS MOONLIGHT DP CANYON LAKE TO			HYDIAL AC 1933 MOON CANYDN LA	LIGH" DF	791.3	
TFLEPHIE 11-309-1	77 6		· - LI 6	1.		130654 COMAL 11040071
FUETTITETTTE HILLE AT #50	ETH PUINCS	RANCH	JLEARS	THEAL!	Naisla.	£,'-,
ALCE IS THE SEEVE						
Inspected Ties Texactic Off Commission Record Tress of	/. O	r. era.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. ::::::::::::::::::::::::::::::::::::		** F.
Filters Tringstine Surve	NIA		ch	ecked	chlorin	<u>e</u>
Caranacara Terro	/		PL	Imp,	SPINKLE	RS.
Flerens Pulgly				-	FLOATS	
Perantle d Valdoscop	1		,	ompre.	_	-
LE REVILLEGE	NA	400	-			
Ther is found	STATE OF THE PARTY AND ADDRESS OF THE PARTY AN	EPLANTENNA VIII VIII VANDA V	SYSTEM	The same of the sa	W AS DESIGN	HED: TH
For a return and re	t T	Fai	100	Test		
E I Grav		2.3				
of it is to be	/	CIEAR		All garden de alleren		
C1> xc		L				
Copies of his eport hase	leen forwarder	to the file	ver e DM	I wil	n , l v ,	
.fullytellar e Telly law.	THOM				1.4	
	17/21	7	apparence and the same and the	°=	2 Talia	
Talatelante Ilentino	wolkuch	me				

7.26.21

Countryside Construction, Inc.

300 Chapman Parkway, Canyon Lake, TX. 78133

Phone: 830-899-2615 or 1-888-379-3721 Fax: 830-899-6662

Septic System Service Agreement

In consideration of payment for this service contract, we will abide by and agree to its terms and conditions:

Name: JOHN COTTINGHAM Address: 1033 MOONLIGHT DRIVE Sub-Div./County: The Hills at Mountain Springs Ranch, COMAL CANYON LAKE, TX 78133

Permit #: 108654 SPRAY Model #: CLEARSTREAM-600 Serial #: 11040072

Phone: 571-309-8016

(x) 1 YEAR SERVICE AGREEMENT \$295.00

Legal Description: LT 612, THE HILLS @ MOUNTAIN SPRINGS RANCH - COMAL

This non-refundable contract will be in effect FROM: 8/26/2021 TO: 8/26/2022 Countryside Construction, Inc. will provide the following:

- An inspection every (4) four months which will include: Servicing of the mechanical & electrical components as necessary to
 insure system is functioning as engineer designed, pulling and cleaning the Norweco Brand aerator shaft, cleaning
 compressor air filters of other brands, check chlorine, conduct solids test to determine if system should be pumped, back
 flushing tubing for drip irrigation fields and checking sprinklers on above ground systems.
- 1) The property owner is responsible for "purchasing and keeping chlorine" in the chlorinator, (if applicable). If the chlorine test reveals "No Chlorine" in the system, the property owner may incur an additional cost.
- If any improper operation is observed (which cannot be corrected at that time) the property owner will be notified immediately of the conditions and the estimated cost.
- 3) ANY PARTS, WARRANTY OR NON-WARRANTY, FREIGHT CHARGES, LABOR OR SERVICE CALLS NOT PAID IN FULL AT THE END OF (30) DAYS SHALL REMAIN THE PROPERTY OF COUNTRYSIDE CONSTRUCTION AND AUTHORIZES CONTRACTOR TO REMOVE AND REPOSSESS ANY PARTS INSTALLED. CLIENT FURTHER AGREES TO PAY ANY LABOR COST OF THE INSTALLATION AND REASONABLE COST OF REMOVAL OF SAID PARTS.
- 4) THE SIGNING OF THIS SERVICE AGREEMENT AUTHORIZES COUNTRYSIDE CONSTRUCTION TO ENTER THE PROPERTY TO EXECUTE ALL TERMS OF THIS CONTRACT.

Countryside Construction, Inc., will warranty installation of the septic system to be according to state and county regulations and the designs approved by the county. HOMEOWNER WILL BE RESPONSIBLE FOR SERVICE CALLS, LABOR AND SHIPPING COSTS ON ANY "WARRANTIED PARTS" EXCHANGED DURING WARRANTY. All other components will be according to manufacturer's warranties

Important: As Countryside Construction, Inc. <u>cannot control</u> what or how much effluent goes into this septic system, we <u>cannot warranty</u> how the system will function. Refer to manufacturers or installer's instructions, for suggestions on septic operation. If necessary, between inspections, it is the property owner's responsibility to clean the micron filters on drip irrigation systems. This service agreement <u>does not</u> cover the cost of "service calls, labor or materials that are required or parts out of warranty, the failure to maintain electrical power to the system, sprinklers that are broken, leaking, stopped-up or otherwise mal-functioning; or sewage flows exceeding the hydraulic/organic design capabilities and the input of non-biodegradable materials (solvents, grease, oil, paints, etc.), or any usage contrary to the requirements as advised by authorized service representative. Laboratory test work is available at an additional cost. Chlorine, filters, or parts that are out of warranty are available at a reasonable cost.

This contract <u>does not</u> include the <u>pumping of a tank</u> or of any <u>compartment of a tank</u>, <u>or settlement of soil on or around any part of the system regardless of reason</u>:

Violations of the warranty also include: disconnecting the alarm, restricting ventilation to the aerator, overloading the system above its rated capacity; or flooding by external means. Rodent, insect or fire ant damage or any other form of unusual abuse is a violation. A renewal service contract should be "activated" (30) thirty days before expiration of existing contract. We will contact property owner prior to expiration of existing contract.

Serviced by: Countryside Construction Inc. Walker Chapman – Installer's Licensee #OS0002929-OSSF Maintenance Providence	der Licensee #MP0000035
Walker Chapman - Installer's Licensee #0\$0002929-OSSF Maintenance Provided by Community Maintenance Provided	2/2021
Property Owner Signature	•
(x) Walke Chapman Date: 7-26-2/ Authorized Service Repre	sentative (revised 08/13/2020)
I'M UNETHER OF ANY CHECKINE ADDITION	Zamis -
I'm UNHWHE OF ANY CHECKINE ADDITION POULD YOU CONFIRM I HAVE NONE?	THINKS
	Joseph

COUNTRYSIDE CONSTRUCTION, INC. 330 CHAPMAN PARKWAY CANYON LAKE, IX 38133 France: 830-899-2615 Fax: 830-899-6652

TESTING AND REPORTING RECORD

This Testine 20	Reporting Record :	<u>fall be completed, si</u>	med and d	න්පේ නිවැ ප	<u>ch repedion</u>		
1.Inspection Date: AUGUS	T 26,2021 In:	stalled: 8/26/2	Moi9 Sez	vice Exp	ires:8/ 26 /201	<u>:</u>	
BILLING ADDRESS: JOHN COTTINGHAM 1033 MOONLIGHT DR CANYON LAKE, TX		Annual -		odress: ILIGHT I KE, TX			
TELEPHONE: 571-309-8016 LOT: LT 512, PERMIT#: 1086: ALT_ PHONE: SN: 110400							
SUBDIVISION: HILLS AT 600	MIN SPRINGS	RANCH MEG	LLEAN	STREAM-	MAPSCO:	N/A	
NOTES: TYPE OF SYSTEM: SPRAY							
Inspected Item:	Operational	Inoperative	2. A Neede	ction ta d recair	hen or Repair s to system :	s or (list all	
Aerstors		V. V. I		nents re		•	
SCFM/Compressors PSI (Record Pressure	2 0						
Reading)	3,0	a profilera					
Filters	1						
Irrigation Pumps	,		CH	LECKA	pomp.		
Recirculation Pumps	N/A			<u> </u>			
Disinfection Device	1		Ale	arm.	FloAls, prinklers		
			¥ 670	2,,,,	, ,0.,0,,		
Chlorine Supply	ļ <u>, , , , , , , , , , , , , , , , , , ,</u>		A bil	ocian i	canalla.	.,	
Electrical Circuits			Crife	mme o	MINKITA		
Distribution System			1.		4 . A		
Sprayfield Vegetation			Con	MOLLS!	OR		
Back Flush Drip Field.	N/A	mar of the same		,			
if applicable	1 / 1/24		# ** ********	ar nornar	ing as desig	seno (m/s	
Other as Noted				(es)		No	
Access Posts are Secured	<u> </u>		<u>63</u>			7.47	
3. Tasts required and re	==== 1						
The state of the s	Required	Results	5	Test			
n	Yes No	mg/l mpn/100	mi or	Method	- Principles		
BOD (Grab)						•	
TSS (Grab)	/				7		
Cl(Grab)			· · · · · · · · · · · · · · · · · · ·				
Fecal Coliform							
Copies of this report have	- Par	to the followin	ig: CO	MAI cour	ity / homeowne	<u> </u>	
Maintenance Technician:	momas				1.0 to 1.		
Date of completion: \mathscr{S}_{ℓ}	20/21 3 tart	Job Time:		_ 350p (Tob Time:		
Maintenance Provider: _	washy Ol	sepsem_					

Phone: 830-899-2615 Fax: 830-899-6662

TESTING AND REPORTING RECORD

This Testing and Reporting Record shall be completed, signed and dated after each inspection.

1. Inspection Date: DECEMBER 26,2021 Installed: 8/26/2019 Service Expires:8/26/2022

BILLING ADDRESS: JOHN COTTINGHAM 1033 MOONLIGHT DR CANYON LAKE, TX	PHYSICAL ADDRESS: 1033 MOONLIGHT DR CANYON LAKE, TX 78133							
TELEPHONE: 571-309-	8016	LO'	T: LT 612,	COUNTY:	108654 COMAL 040072			
SUBDIVISION: HILLS AT 600	MTN SPRINGS	RANCH MFG	: CLEARSTREAM-	MAPSCO:	N/A			
NOTES: TYPE OF SYSTEM: SPRAY								
Inspected Item:	Operational	Inoperative		en or Repairs o				
Aerators	- Garage	44 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	173	to system (lis	t all			
SCFM/Compressors PSI		A. Account	components rep	laced):				
(Record Pressure	2.0	40 Ann ann an Ann						
Reading)		The second secon						
Filters	/							
Irrigation Pumps	/		CHECKED	Dump,				
Recirculation Pumps	NIA			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Disinfection Device	/	***************************************	Alarms,	snrinklers,				
Chlorine Supply		1						
Electrical Circuits	/	-	FlOATS, C.	hloring.				
Distribution System								
Sprayfield Vegetation			Comoracco	NFILTER				
Back Flush Drip Field,	110		Congressor					
if applicable	NIA	***************************************						
Other as Noted			SYSTEM OPERATI	NG AS DESIGNED?	CI)N			
Access Posts are Secured								
3. Tests required and re	sults:							
	Required	Results						
	Yes No	mg/1 mpn/100	mi or Method					
		Trace						
BOD (Grab)								
T88 (Grab)								
Cl(Grab)								
Fecal Coliform								
Copies of this report have Maintenance Technician:	been forwarded Thomas	to the followin	g: COMAL count	y / homeownex.				
Date of completion: 1	18.22 Start	Job Time:	Stop Jo	ob Time:				
Maintenance Provider:		//						

Phone: 830-899-2615 Fax: 830-899-6662

TESTING AND REPORTING RECORD

This Testing	and Reportio	ng Record	shall be co	mpleted, s	gned and dated affe	er each inspec	tion.		
1.Inspection Date: APR	IL 26,2	022 In:	stalled:	8/26/20)19 Service E	xpires:8/	26/202	2	
BILLING ADDRESS: JOHN COTTINGHAM 1033 MOONLIGHT DR CANYON LAKE, TX				рну 10 :	SICAL ADDRESS 33 MOONLIGH NYON LAKE,	s: T DR	133		
TELEPHONE: 571-309-8016 ALT. PHONE:				LOT: LT 612, PERMIT#: COUNTY: SN:			108654 COMAL 11040072		
SUBDIVISION: HILLS A CLEARST			RANCH	Manı	ıfacturer:	MAP	SCO:	N/A	
NOTES: TYPE OF SYSTEM: SPRAY						0			
Inspected Item:	Operat	ional	Inopera	ative	2. Action				
Aerators SCFM/Compressors PSI Record Pressure Reading	2.5	5			Needed repa components	irs to sy replaced)	/stem (:	list all	
Filters		,	No. 10						
Irrigation Pumps	1				CHIENKEN	Alar	m		
Recirculation Pumps	N/	A			_ Criccite) ruce	1115		
Disinfection Device		/		N 12 3	ELANTE	chlar	100		
Chlorine Supply					Eloats, chlorine,				
Electrical Circuits /					(241000	-car (110)	11	7/10-)	
Distribution System	compressor(cleaned)					"TET			
Sprayfield Vegetation	1				pump	carial	1		
Back Flush Drip Field, if applicable	N/	'A			porgo	opiiuk,	1475		
Other as Noted	/ SYSTEM OPERATING AS DESIGNED?/					ED? YN			
Access Posts are Secure	d				(Yes)		THE DECISION	No No	
						not see			
3. Tests required and re									
	Requi		/-	Resu		Test			
BOD(Grab)	Yes	No	mg/l:	mpn/100:	mi or Trace	Method			
TSS (Grab)		1							
Cl(Grab)	/				446			100	
Fecal Coliform	1			100					
Copies of this report have Maintenance Technician:	1	warded NOS	to the f	ollowing	: COMAL co		omeowne:	<u>.</u>	
Date of completion: 5/			Job Time	=: [[.50 Stop			.10	
Date of completion: 5/	War	knC	hapm	um					

TESTING AND REPORTING RECORD

Phone: 830-899-2615

Fax: 830-899-6662

This Testing and Reporting Record shall be completed, signed and dated after each impection. 1. Inspection Date: August 26,2022 Installed: 8/26/2019 Service Expires:8/26/2022 BILLING ADDRESS: PHYSICAL ADDRESS: 1033 MOONLIGHT DR JOHN COTTINGHAM CANYON LAKE, TX 78133 1033 MOONLIGHT DR CANYON LAKE, TX TELEPHONE: 571-309-8016 LOT: LT 612, PERMIT#: 108654 ALT. PHONE: COUNTY: COMAL GATE CODE: SNI 11040072 SUBDIVISION: HILLS AT MTN SPRINGS RANCH Manufacturer: MAPSCO: N/A CLEARSTREAM-600 NOTES: TYPE OF SYSTEM: SPRAY 2. Action taken or Repairs or Inspected Item: Operational Inoperative Needed repairs to system (list all Aerators components replaced): SCFM/Compressors PSI 2,5 Record Pressure Reading Filters CHECKED pump, Alarms, chlorine, Irrigation Pumps NA Recirculation Pumps Disinfection Device Chlorine Supply sprinklers, FloATS, Electrical Circuits Distribution System Compressor Sprayfield Vegetation Back Flush Drip Field, NA if applicable Other as Noted SYSTEM OPERATING AS DESIGNED? YN Access Posts are Secured No 3. Tests required and results: Required Results Tomach. mg/1 mpn/100mi or Trace Method BOD (Grab) TSS (Grab) Cl (Grab) Fecal Coliform

Copies of this report have been forwarded to the following:	CUMAL county / homeowner.
Maintenance Technician: Thomos	11
Date of completion: 8/3/22 Start Job Time:	Stop Job Time:
Maintenance Provider: Walku Chapman	

Herr Septic Services 2925 Hidden Elm San Antonio, tx 78261

(210) 489-0843

Printed:5/2/2024

Insp ID #:5211

To: John Cottingham 1033 Moonlight Dr Canyon Lake, TX 78133

Main Phone: (571) 309-8016

Work: Cell Phone: Alt Cell:

▼ This counts as a type of "Scheduled Inspection"

Customer ID: 737

Entered By: Ben Herr

Contract Dates: 8/10/2023 - 8/10/2024

Scheduled Date: 4/8/2024

Inspection 1 of 3

Site: 1033 Moonlight Dr, Canyon Lake, TX 78133

Agency:

County: Comal Mfg / Brand: -

Service Type: Scheduled Inspection

Visit Date: 4/12/2024

Time In:

Method: Grab

Technician: Not Assigned Maint. Provider: Ben Herr

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational Disinfection Device: Operational Chlorine Supply: Operational

Chlorine Residual: .1

Floats: OP Timer: OP

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

- Technician Secured the Tank Lid and/or Riser prior to leaving location.

✓ Service Completed

Site: 1033 Moonlight Dr, Canyon Lake, TX 78133 Originally Entered On: 4/12/2024

Provider: Ben Herr

License Info: MP0002279 Expires: 2/28/2026

Herr Septic Services

2925 Hidden Elm San Antonio, tx 78261

Printed:9/3/2024

(210) 489-0843

Permit: 108654

Site: 1033 Moonlight Dr, Canyon Lake, TX 78133

Main Phone: 5713098016

John Cottingham 1033 Moonlight Dr Canyon Lake, TX 78133

System Info: MFG: Brand:

Customer ID: 737

Insp ID: <u>5636</u>

Visit Details

Visit Date: 8/5/2024

Entered By: Ben Herr

Scheduled Date: 8/8/2024

Time In:

Contract Starts: 8/10/2023

Entered On: 8/12/2024

Contract Ends: 8/10/2024

Visit Results

Service Type: Scheduled Inspection

Count: Inspection 2 of 3

Method: Grab

License #

Expires

Technician: Not Assigned

Provider: Ben Herr

MP0002279

2/28/2026

✓ Service Completed

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .1

Floats: OP

Timer: OP

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Drip/Sprayfield Veg: Operational

Alarm: Operational

- Technician Secured the Tank Lid and/or Riser prior to leaving location.

Provider: Ben Herr

License: Number: MP0002279 Exp: 2/28/2026

Herr Septic Services

2925 Hidden Elm San Antonio, tx 78261

Printed:1/2/2025

Permit: 108654

Site: 1033 Moonlight Dr, Canyon Lake, TX 78133

Main Phone: 5713098016

John Cottingham 1033 Moonlight Dr Canyon Lake, TX 78133

County: Comal

System Info: MFG: Brand:

Customer ID: 737

Insp ID: 6159

Visit Details

Visit Date: 12/16/2024

Entered By: Ben Herr

Contract Starts: 8/10/2024

Scheduled Date: 12/10/2024

Time In:

Contract Ends: 8/10/2025

Entered On: 12/19/2024

Visit Results

Service Type: Scheduled Inspection

Count: Inspection 1 of 3

Method: Grab

License #

Expires

Technician: Not Assigned

Provider: Ben Herr

MP0002279

2/28/2026

Service Completed

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .1

Sludge Level Tank 4: 4

Floats: OP

Timer: OP

Tank Lid / Riser: Secured Insp. Port / Plug: Secured

Electric Circuits: Operational

Distribution System: Operational

Drip/Sprayfield Veg: Operational

Alarm: Operational

Comments

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving.

Provider: Ben Herr

License: Number: MP0002279 Exp: 2/28/2026