

### **Comal County**

OFFICE OF COMAL COUNTY ENGINEER

#### License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date:

07/29/2019

Permit Number:

109369

Location Description:

1465 HILLCREST FOREST CANYON LAKE, TX 78133

Subdivision:

Canyon Lake Forest

Unit:

1

Lot:

26

Block: Acreage:

Type of System:

Aerobic

**Drip Irrigation** 

Issued to:

Shelton Eubanks

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

WIRONMENTAL HEALTH INSPECTOR

ENVIRONMENTAL HEALTH COORDINATOR

1st Inspection Date: 7		2nd Inspection Date	-	Ad Inspection Date:	100	7-17	fina
Inspector Name: Mike	T.	Inspector Name:		Inspector Name	(or	mor	0
Permit#: 109369		A	ddress: C.L. Fore	st / 1465	SH	ille Res	+ FOR
Clear plion	Arweser	Citations	Notes		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)(ii) 285.30(b)(1)(A)(ii) 285.30(b)(1)(A)(i) 285.30(b)(1)(A)(i)		7/	23/19		
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)					
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)					
- 1 × 1×							
PRETREATMENT Installed (If required) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(G)285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(D) 285.32(b)(1)(E) 285.32(b)(1)(E) 285.32(b)(1)(E) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(II)					
PRETREATMENT Grease Interceptors if required for commercial		285.34(d)					-

MY-7/23/19
Tank set, Leveled
Operational ~
Ready For Cover.

Jc 7-29-19 Covered

No	Description:	Anwaer	Citations	Notes	Sst Insp. 2nd insp.	3/5 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)(II) 285.33(d)(2)(G)(II) 285.33(d)(2)(G)(III)(I) 285.33(d)(2)(G)(III)(I)		7/23   A	
41	APPLICATION AREA Low Angle Notates 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)	per plan		
42	APPLICATION AREA Area installed	·V				-
43	PUMP TANK Meets Minimum Reserve Capacity Requirements					
44	PUMP TANK Material Type & Manufacturer					
45	PUMP TANK Type/Size of Pump Installed					

	1st Inspection Date: 713 Inspector Name: ** Ke	23/19	2nd Inspection Da	ite:		spection (	Date:		
	Permit#: 109369			Address:	C.L. Forest			ille res	+ Fores
0	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials	Anwser	Citations 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)(i)		Notes		1st Insp. 7/23/19	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)						
	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) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(G)285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(B) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(D) 285.32(b)(1)(E)						

285.32(b)(1)(A) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(i) 285.32(b)(1)(E)(ii)(I)

285.34(d)

MT-7/23/19

Tank set, Leveled

Operational

Ready Fore Cover.

PRETREATMENT Grease Interceptors if required for

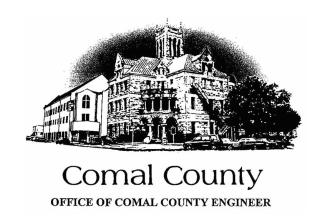
commercial

Vo.	Description	Anwser	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If SingleTank, 2 Compartments Provided with Baffle SEPTIC TANK Inlet Flowline Greater than 3" and " T " Provided on Inlet and Outlet SEPTIC TANK Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(E) 285.91(2) 285.32(b)(1)(F) 285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii) 285.32(b)(1)(E)(ii) 285.32(b)(1)(D) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(ii) 285.32(b)(1)(A) 285.32(b)(1)(A)				
	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used		285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)				
	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
1	SEPTIC TANK Secondary restraint system provided SEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d) 285.38(e)				
2	SEPTIC TANK Tank Volume Installed						
	PUMP TANK Volume Installed						
3	AEROBIC TREATMENT UNIT Size Installed	_		600	7/23/19		
.4	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	/		Proflo LP			
	DISPOSAL SYSTEM Absorptive		285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
.6	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
18	DISPOSAL SYSTEM Evapo- transpirative		285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				

io.	Description Anwse		Notes	1st Insp.	2nd Insp.	3rd Insp.
	DISPOSAL SYSTEM Drip Irrigation	285.33(c)(3)(A)-(F)				
9						
	DISPOSAL SYSTEM Soil Substitution	285.33(d)(4)				
	DISPOSAL SYSTEM Pumped Effluent	285.33(a)(3) 285.33(a)(1)				
1	DISPOSAL SYSTEM Gravelless Pipe	285.33(a)(2) 285.33(a)(3)				
		285.33(a)(2) 285.33(a)(4) 285.33(a)(1)				
2	DISPOSAL SYSTEM Mound	285.33(a)(3) 285.33(a)(1) 285.33(a)(2) 285.33(a)(4)				
3		205135(0)(1)				
	DISPOSAL SYSTEM Other (describe) (Approved Design)	285.33(d)(6) 285.33(c)(4)				
	DRAINFIELD Absorptive Drainline 3" PVC or 4" PVC					
	DRAINFIELD Area Installed					
	DRAINFIELD Level to within 1 inch per 25 feet and within 3 inches over entire excavation	285.33(b)(1)(A)(v)				
27	DRAINFIELD Excavation Width DRAINFIELD Excavation Depth DRAINFIELD Excavation Separation DRAINFIELD Depth of Porous Media DRAINFIELD Type of Porous Media					
20						
28	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place	285.33(b)(1)(E)				
23	DRAINFIELD Leaching Chambers DRAINFIELD Chambers - Open End Plates w/Splash Plate, Inspection Port & Closed End Plates in Place (per manufacturers spec.)	285.33(c)(2)				
30						
30	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length & Width, and Adequate Separation Distance between Trenches	285.33(d)(1)(C)(i)				

νo.	Description	Anwser	Citations	Notes	1st insp.	2nd Insp.	3rd insp.
	EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0% EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field ( 1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom ) EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. & Vertical Separation of 1ft on bottom and 2 ft. to restrictive horizon and ground water respectfully EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes ( 3/16 - 1/4" dia. Hole Size ) 5 ft. Apart		285.33(b)(3)(A) 285.33(b)(3)(B) 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)		7/23/19		
	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.			717			
	PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction PUMP TANK Sampling Port Provided in the Treated Effluent Line PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump						
	PUMP TANK Inspection/Clean Out Port & Risers Provided PUMP TANK Secondary restraint system provided PUMP TANK Riser permanently fastened to lid or cast into tank PUMP TANK Riser cap protected against unauthorized intrusions						
38	PUMP TANK Secondary restraint system provided PUMP TANK Electrical Connections in Approved Junction						

No.	Description	Anwser	Citations	Notes	1st II	ISp.	2nd Insp.	2rd Incp.
	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)		7/23	// (88		
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)					
12	APPLICATION AREA Area Installed							
43	PUMP TANK Meets Minimum Reserve Capacity Requirements							
14	PUMP TANK Material Type & Manufacturer							
45	PUMP TANK Type/Size of Pump Installed		(-mail family					



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

Permit Number: 109369

Issued This Date: 07/11/2019

This permit is hereby given to: Shelton Eubanks

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

1465 HILLCREST FOREST CANYON LAKE, TX 78133

Subdivision: Canyon Lake Forest

Unit: 1

Lot: 26

Block:

Acreage:

#### APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Aerobic

**Drip 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.

OSSF DEVELOPMENT APPLICATION CHECKLIST	Staff will complete shaded
	items Date Received Initials
	items Date Received Initials
	Permit Number
Instructions	
Place a check mark next to all items that apply. For items that do not apply, place Application Checklist <u>must</u> accompany the completed application.	"N/A". This OSSF Development
OSSF Permit	
Completed Application for Permit for Authorization to Construct an Construct and	On-Site Sewage Facility and License to
X Site/Soil Evaluation Completed by a Certified Site Evaluator or a Pro	ofessional Engineer
Planning Materials of the OSSF as Required by the TCEQ Rules for shall consist of a scaled design and all system specifications.	r OSSF Chapter 285. Planning Materials
X Required Permit Fee	toe districto
	JUL 08 2019
X Copy of Recorded Deed	
X Surface Application/Aerobic Treatment System	COUNTY ENGINEER
X Recorded Certification of OSSF Requiring Maintenance/Affida	avit to the Public
X Signed Maintenance Contract with Effective Date as Issuance	e of License to Operate
N/A Portion of Proposed OSSF Located in the United States Army Corps	s of Engineers (USACE) Flowage Easement
N/A USACE Consent for proposed OSSF	
I affirm that I have provided all Information required for my OSSF Developm constitutes a completed OSSF Development Application.	ent Application and that this application
M Washington Date	7-2-2015
Signature of Applicant	Date
COMPLETE APPLICATIONINC	COMPLETE APPLICATION

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

Date		Permit #	169369
Owner Name Shelton Eubanks	Agent Name	Douglas R. Dowlea	ım
Mailing Address 136 Iron Horse	Agent Address	703 Oak Drive	
City, State, Zip New Braunfels, TX 78132	City, State, Zip	Blanco, TX 78606	
Phone # 512.557.1831	Phone #	210.240.2101	
Email sheltoneubanks@hotmail.com	Email	txseptic@gmail.com	m
All correspondence should be sent to:  Owner	Agent M Both	Method:	Mail 🔀 Email
Subdivision Name Canyon Lake Forest	Unit 1	Lot 26	Block
Acreage/Legal .2066 Acres			RECEIVED
Street Name/Address 1465 Hillcrest Forest	City Can	yon Lake	
Type of Development:			JUL 08 2019
Single Family Residential			
Type of Construction (House, Mobile, RV, Etc.) House			COUNTY ENGINEER
Number of Bedrooms 5			
Indicate Sq Ft of Living Area 2218			
(Planning materials must show adequate land area for doubling Type of Facility  Offices, Factories, Churches, Schools, Parks, Etc Indicate Restaurants, Lounges, Theaters - Indicate Number of Schotel, Motel, Hospital, Nursing Home - Indicate Number Travel Trailer/RV Parks - Indicate Number of Spaces  Miscellaneous	cate Number Of Occup eats of Beds	pants	
Estimated Cost of Construction: \$ Existing (S	structure Only)		
Is any portion of the proposed OSSF located in the United  Yes No (if yes, owner must provide approval from USA)			
Source of Water 😾 Public 🗌 Private Well			
Are Water Saving Devices Being Utilized Within the Resider	nce? 🔀 Yes 🗌 N	0	
By signing this application, I certify that:  - The completed application and all additional information submitted facts.  - Authorization is hereby given to the permitting authority and design site/soil evaluation and inspection of private sewage facilities  - I understand that a permit of authorization to construct will not be by the Comal County Flood Damage Prevention Order.  - I affirmatively consent to the online posting/public release of my example.	gnated agents to enter up issued until the Floodpla	oon the above describe in Administrator has p	ed property for the purpose of erformed the reviews required
Signature of Owner	7-2- Date	2019	Date

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

Planning Materials & Site Evaluation as Required Completed By Douglas R. Dowlearn	
System Description Aerobic Treatment with Drip Disposal	
Size of Septic System Required Based on Planning Materials & Soil Evaluation	
Tank Size(s) (Gallons) 600 gpd Absorption/Application Area (Sq Ft) 1800 R	equired
Gallons Per Day (As Per TCEQ Table III) 360  (Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ.)	RECEIVED
Is the property located over the Edwards Recharge Zone?  Yes No  (If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))	JUL 08 2019
Is there an existing TCEQ approved WPAP for the property? ☐ Yes ☑ No	COUNTY ENGINEE
(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? [(If yes, the R.S. or P.E. shall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Perm 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?	es 🔀 No
(If yes, the R.S. or P.E. shall certify that the OSSF design will comply with all provisions of the proposed CZP. A Permit issued for the proposed OSSF until the CZP has been approved by the appropriate regional office.)	to Construct will not be
Is this property within an incorporated city?   Yes  No	
If yes, indicate the city:	
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  6/21/19	, as applicable.

Signature of Designer

Date

Page 2 of 2



201936022826 07/02/2019 '2:18:52 PM 1/1

#### AFFIDAVIT TO THE PUBLIC

THE COUNTY OF COMAL STATE OF TEXAS

Notary's Printed Name

My Commusion Express:

#### CERTIFICATION OF OSSE REQUIRING MAINTENANCE

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

The Texas Health and Safety Code, Chapter 356 authorizes the Texas Commission on Environmental Quebty (commission) to regulate on-site sewage facilities (OSSFs). Additionally, the Texas Water Code (TVVC), § 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 of warranty by the commission of the suitability of this OSSF, nor does it constitute any generative by the commission that the appropriate OSSF was installed.

An OSSF requiring a maintenance contract, according to 39 Texas Administrative Code §285,91(12) will be installed on the property described as (Insert legal description)	
Lot 26, Canyon Lake Forest, Unit No. 1	JUL 08 2019
The property is owned by (insert owner's full name): Shelton Eubanks	COUNTY ENGINEER
This OSSF must be covered by a continuous maintenance contract for the first two year the initial two-year service policy, the owner of an aerobic treatment system for a single residence shall either obtain a maintenance contract within 30 days or maintein the system personally.	famuy
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 cobtained from the Comal County Engineer's Office.	
WITNESS BY HANDIS ON THIS 2 DAY OF July 2015	MANUAL CONTRACTOR OF THE PARTY
Owner(e) eignotuse(e)  SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 2 CAY OF	MITA ALEMANIA

Filed and Recorded Official Public Records Bobbie Koepp, County Clerk

obbie Koepp

JUL 08 2019

COUNTY ENGINEER

Septic System Service Agreement

In consideration of payment for this service contr Name: Shelfon Eubanks Subdivision/ County: Canao Lake Fores	Address: 1405 Hill Crest Forest + Lot 214 City, State, Zip: CANYON LAKE, TY 78133
Permit # Model #	Comal Serial #
Phone: 512-557-1831 (XInitial Two Year Service Agreement & Two Year Limited Warranty	( ) One Year Service Agreement
	ANSI ER ANALYSIS
Legal Description:	to distance and
The Effective date of this initial maintenance contract	shall be the date the License to Operate is issued.
	_/170 - 2/4/rs and will provide the following:
	months which will include: inspection, adjustments and servicing of the
	necessary to insure proper function of the system.
	of a visual check for color, turbidity, scum, overflow an odor.
	FOR PURCHASING AND KEEPING CHLORINE IN THE CHLORINATOR (IF
APPLICALBE). IF THE CHLORINE TEST RE	VELS "NO CHLORINE" IN THE SYSTEM, THE PROPERTY OWNER MAY INCURE
AN ADDITIONAL COST.	
<ol> <li>If any improper operation is observed (w immediately of the conditions and the es</li> </ol>	thich connot be corrected at that time) the property owner will be notified
	property owner regarding operation of the system, shall be within 48 hours,
	ce call a year, if needed, will be provided with no cost to property owner.
	RANTY, FREIGHT CHARGES, LABOR OR SERVICE CALLS DUE NOT PAID FOR
REMAIN THE PROPERTY OF BAKER SEPTI SEPTIC SERVICE, LLC.	IC SERVICE, LLC AND COULD RESULT IN REPOSSESSION OF PARTS BY BAKER
	NT QUTHORIZES BAKER SEPTIC SERVICE, LLC TO ENTER THE PROPETY TO
	LAION of the septic system according to state and county regulations and the
	BE RESPONSIBE FOR SERVICE CALL, LABOR, AND SHIPPING COSTS ON ANY
"WARRANTED PARTS" EXCHANGED DURING WARRA	NTY. All other component will be according to manufacturer's warranties.
IMPORTANT: As Baker Septic Service, LLC cannot con	trol what or how much effluent goes into this septic system, we cannot
	ufacturers or installers instructions for suggestions on septic operation. This call, labor or materials that are required or parts out of warranty, the failure
	that are broken, leaking, stopped-up or otherwise mal-functioning; or sewage
	ties and the input of non-biodegradable materials (solvent, grease, oil, paints,
etc.), or any usage contrary to the requirements as ad-	vised by authorized service representative. Laboratory test work is available at
an additional coast. Chlorine, filters, or parts that are	out of warranty are available at a reasonable cost.
This contract does not include the pumping of a tank	or of any compartment of a tank, or settlement of soil on or around any part
of the system regardless of reason:	
Violations of the warranty also include: Disconnecting	ng the alarm, restricting ventilation to the aerator, over loading the system
above its rated capacity; or flooding by external mean	s. Rodent, insect or Fire Ant damage or any other form of unusual abuse is a
violation.	
A renewal service contract should be activated (30) th	irty days before expiration of existing contract. We will contact property
owner prior to expiration of existing contract.	
	viced by: Baker Septic Service, U.C. Intenance Provider 12,000000000000000000000000000000000000
(x) Print Na	ame (X) Shetton Eubanks Date: 7-1-2019
Property Owner Signature	7 1 7 10
(N) William Soke Date:	7-1-2019Authorized Service Representative

#### OSSF SOIL EVALUATION REPORT INFORMATION

Date: 7/1/19

**Applicant Information:** Name: Shelton Eubanks Address: 136 Iron Horse

City, State & Zip Code: New Braunfels, TX 78132

Phone: 512.557.1831

Email: sheltoneubanks@hotmail.com

**Property Location:** 

Lot: 26 Subdivision: Canyon Lake Forest, Unit No. 1

Street/Road Address: 1465 Hillcrest Forest City: Canyon Lake

Zip: 78133

Additional Info: Comal County/.2066 Acres

Site Evaluator Information:

Name: Douglas R. Dowlearn Company: D.A.D. Services, Inc. Address: 703 Oak Drive

City, State & Zip: Blanco, TX 78606

Phone: (210)240-2101 Fax: (866)260-7687

Email: txseptic@gmail.com

Installer Information:

Name: Company: Address:

City, State & Zip:

Phone:

Fax:

Depth	Texture Class	Soil Texture	Structure (For Class III - blocky, platy or massive)	<b>Drainage</b> (Mottles/Water Table	Restrictive Horizon	Observation
Soil Boring #1 60"	Ш	0-12" Clay Loam 12"+ Limestone	Blocky	<30% Gravel	12"+ Limestone	None
Soil Boring #2		Same as above				

DESIGN SPECIFICATIONS

RECEIVED

JUL 08 2019

Application Rate (RA): 0.2

60"

OSSF is designed for: 5 BR (2218 Sq. Ft.)

360 Gallons per day required

An aerobic treatment/drip disposal system is to be utilized based on the site evaluation.

1800 sq. ft. disposal area required 600 gallon/day aerobic tank required

Calculations: Absorption Area: Q/RA= 360/0.2= 1800 Sq. Ft.

COUNTY ENGINEER

#### **FEATURES OF SITE AREA**

Presence of 100-year flood zone: NO

Existing or proposed water well in nearby area: NO

andred and a

Presence of adjacent ponds, streams, water impoundments: NO

Presence of upper water shed: NO

Organized sewage service available to lot: NO

I certify that the findings of this report are based on my field observations and are accurate to the best of my ability. The site evaluation and OSSF design are subject to approval by the TCEQ or the local authorized agent. The planning materials and the OSSF design should not be considered final until a permit to construct has been issued.

**Site Evaluator:** 

NAME: Douglas R. Dowlearn, R.S.

License No. OS9902 - Exp. 6/30/2020

TDH: #2432 - Exp. 2/28/2021

Signature:

### D.A.D SERVICES, INC. DOUG DOWLEARN

#### 703 OAK DRIVE, BLANCO, TX 78606

Designed for: Shelton Eubanks

The installation site is on Lot 26 of the Canyon Lake Forest, Unit No. 1 Subdivision in Comal County, TX. The proposed OSSF will treat the wastewater from a 5 Bedroom (2218 sq. ft.) residence. The proposed method of wastewater treatment is aerobic treatment with drip irrigation. This method was chosen because of unsuitable soil conditions.

#### PROPOSED SYSTEM:

A 4" PVC pipe will discharge from the residence to a pre-treatment tank, which flows into a 600 gpd aerobic treatment plant. The pump is activated by a time controller allowing the distribution 8 times per day with a 7 minute run time with float switches set to pump 360 gallons per day. A high level audible and visual alarm will activate should the pump fail. Distribution from the pump is through a self flushing 100 mesh spin filter then through a 1" SCH-40 manifold to a 900 L.F. drip tubing field, with drip lines set approximately two feet apart with 0.61 emitters set every two feet, as per the attached schematic. A pressure gauge and hose big installed in the pump tank on the manifold to the field will maintain pressure at 30 to 50 psi. A 1" SCH-40 return line is installed to periodically flush the system by cycling a 1" ball valve. Solids caught in the spin filter are flushed each cycle back to the pump tank. Vacuum breakers installed at the highest point on each manifold will prevent siphoning of effluent from higher to lower parts of the field. The placement of the drip tubing will be on soil that has been roughed up and 2" of Class II added; the tubing will be covered with 6" of Class II soil. RECEIVED

#### **DESIGN SPECIFICATIONS:**

JUL 08 2019

Daily Waste Flow: 360 gpd

Application rate: 0.2

Application area required: 360/.2 = 1800 ft. sq.

Application area utilized: 1800 sq. ft.

Pump tank reserve capacity: 180 gal minimum



7/1/19

COUNTY ENGINEER

#### SYSTEM COMPONENTS:

SCH 40 PVC sewer line
1" purple PVC supply line
600 gpd aerobic treatment plant with manual or timed controls
Liquid chlorinator
Pump tank
Pretreatment tank

#### LANDSCAPING:

The native vegetation in the distribution area should consist of low level shrubs, plains grass, bluestem or bermuda. The entire area of the drip disposal must be covered with a ground cover such as grass seed or sod prior to the final inspection. The drip disposal tubing will be laid on top of roughed up soil covered with 2" of Class II soil; the tubing will then be covered with 6" of Class II soil. In the event the natural cover is disturbed, a suitable ground cover must be installed on all excavated areas.



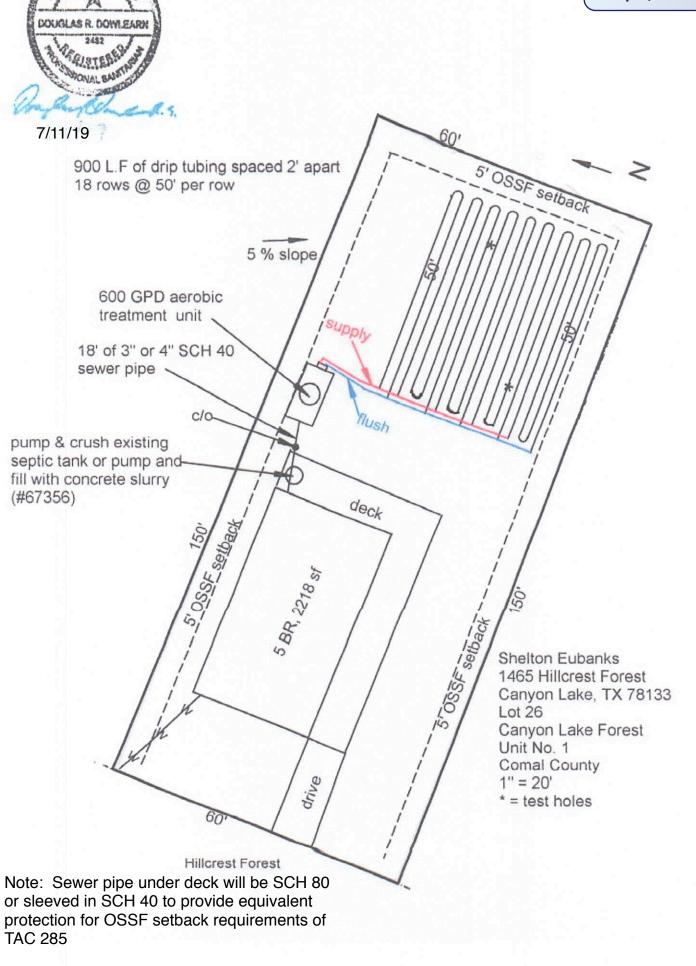
RECEIVED

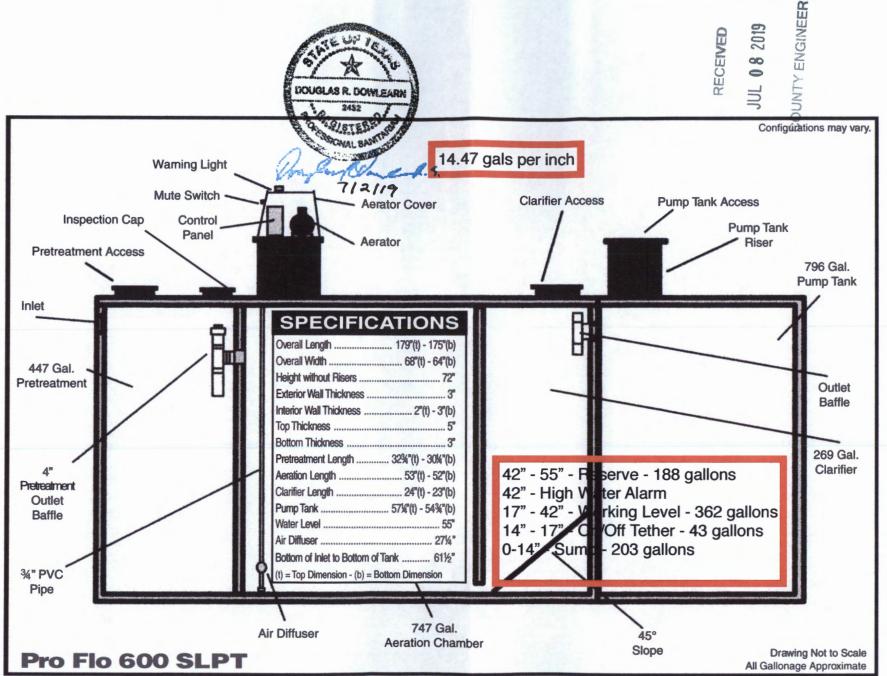
JUL 08 2019

COUNTY ENGINEER

### **REVISED**

1:38 pm, Jul 11, 2019





#### Ritzen, Brenda

From: Ritzen, Brenda

Thursday, July 11, 2019 1:17 PM Sent: To: 'sheltoneubanks@hotmail.com'

Cc: 'doug dowlearn' **Subject:** Permit 109369

**Shelton Eubanks** Re:

Canyon Lake Forest Unit 1 Lot 26

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

Dear property owner & agent,

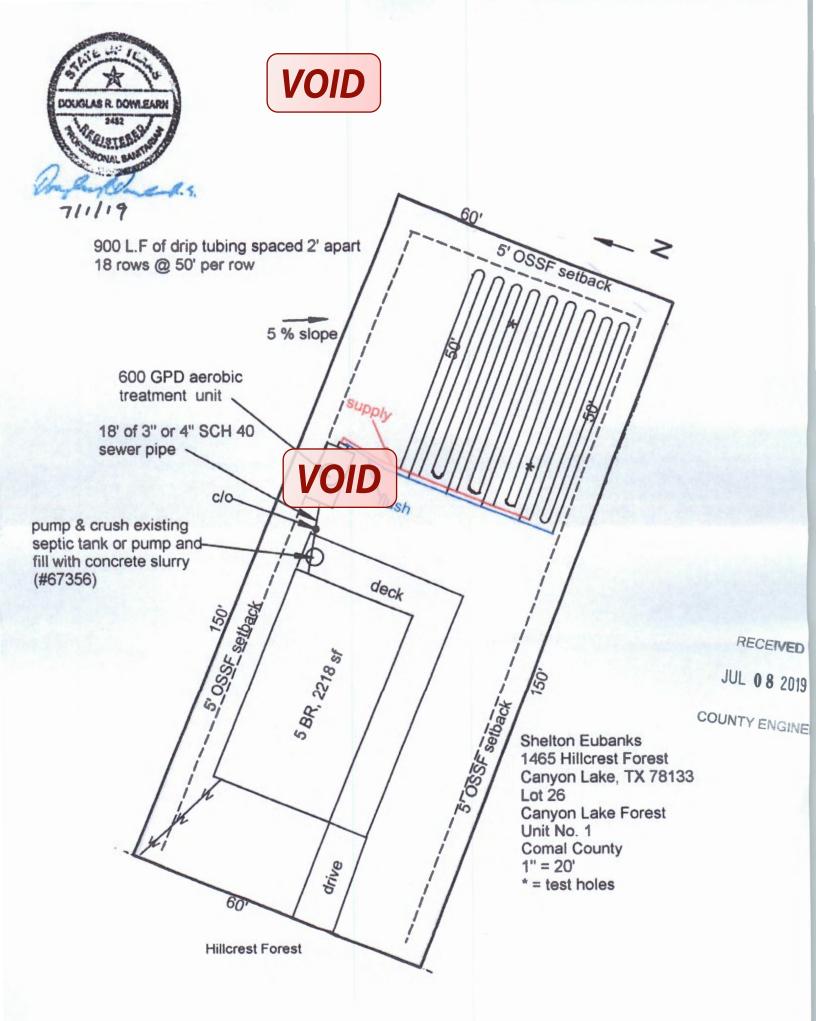
The following information is needed before I continue processing the referenced permit submittal:

Provide equivalent protection for the sewer pipe under the deck.

2. Revise as needed and resubmit.

Thank you,

Brenda Ritzen, OS0007722 **Environmental Health Coordinator Comal County Engineers Office** 195 David Jonas Drive New Braunfels, Texas 78132 830-608-2090 www.cceo.org



#### 201806037749 09/25/2018 04:20:32 PM 1/2 Alamo Title GF# 4000061801545 LR; \$30

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.

#### SPECIAL WARRANTY DEED

Date: September 14, 2018

Grantor: GOLDLINE INVESTMENTS, LLC, a Texas limited liability company

JUL 08 2019

Grantor's Mailing Address: P.O. Box 8331, San Antonio, TX 78208

COUNTY ENGINEER

Grantee: SHELTON EUBANKS

Grantee's Mailing Address, and after Recording, Return to: 136 Tron Horse,
New Pracentels 17 78132

Consideration:

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

Property (including any improvements):

Lot 26, Canyon Lake Forest, Unit No. 1, according to the map or plat thereof recorded in Volume 1, Pages 53-54, of the Map and Plat Records of Comal County, Texas

Reservations from Conveyance: None

Exceptions to Conveyance and Warranty: Validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded and validly existing instruments, other than conveyances of the surface fee estate, that affect the Property; and taxes for 2018, which Grantee assumes and agrees to pay, and subsequent assessments for that and prior years due to change in land usage, ownership, or both, the payment of which Grantee assumes.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, when the claim is by, through or under Grantor, but not otherwise, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

-P

The Contract between Grantor as the Seller and Grantee as the Buyer, if any, may contain limitations as to warranty or other agreed matters; to the extent that such Contract provides for limitations or other agreed matters that will survive the closing and this conveyance, then such limitations or other agreed matters are hereby deemed incorporated by reference. The warranty of title contained in this Deed is hereby expressly excluded from the limitations or other agreed matters referenced in this paragraph.

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

GOLDLINE INVESTMENTS, LLC, a Texas limited liability company

DUSTIN D'NELLL

STATE OF TEXAS

COUNTY OF BEXAR

Dustin D'neill

This instrument was acknowledged before me on September 14, 2018, by Carlos Garcia, Authorized Signor for GOLDLINE INVESTMENTS, LLC, a Texas limited liability company, on

behalf of said company.

LAURAM, RILEY My Notary ID # 7179368 Expires March 16, 2022

Notary Public, State of Texas

RECEIVED

JUL 08 2019

COUNTY ENGINEER

Filed and Recorded Official Public Records Bobbie Koepp, County Clerk Comal County, Texas 09/25/2018 04:20:32 PM CSCHUL 2 Pages(s) 201806037749

Bobbie Koepp

### **Testing and Reporting Record**

This Testing and Reporti			. 1	igned, and dated at time	The state of the s	
Billing Address: SAME	1173	tuncui		Physical Address	Guban! 11crest	7
Telephone: 512-557-183 Alt. Phone:			Lot		rmit# 1093 unty: Come :	
Subdivision: CANYa Cola NOTES:						
TYPE OF SYSTEM: A ERO BIC DR	IT	SYSTE	40			
Inspected Item:		ational	Inoperati	1		
Aerators SCFM/ Compressors PSI (Record Pressure Reading)	4		2.8	system (list all	Repairs or Needed components replaced	iced):
Filters		~			LOATS, BACT	
Irrigation Pumps		~			R FILTERS, O	
Disinfection Device					Com PRS SSC	
Chlorine Supply			appropriate to the the second distribution of the second o	CHECKED		1 , 40
Electrical Circuits	****					uus yk tiiseen maanaan kanada ka
Distribution System						
Sprayfield Vegetation		~		SYSTE	M OPERAT	OVAL
Back Flush Drip Field, if applicable		L-				000000000000000000000000000000000000000
Other as Noted		<		444		
Access Lids are Secured	180	és)	No			
TESTS REQUIRED AND RESULTS:		w	**************************************			~}
		uired		Results	Test	
	YES	NO	Mg/1m	pn/100mi or Trace	Method	
BOD (Grab)	*····	·				
TSS (Grab)	***************************************			1%		
C1 (Grab)			+	Rit'		
Fecal Coliform						
	Maria adeas Portugues (Arrivers	1				
Copies of this report have been for	warded	to the fo	llowing:	CUSTOMER & (	POUNTY	10009
Maintenance Technician: DAN	MICH	lowsm	7 00017	35		
Date of Completion: 1-6-20		_ Start Jo	b Time:	2:00 Stop Job T	ime: 2/42	009a***
Maintenance Technician: DAN  Date of Completion: 1-6-20  Maintenance Provider: 111	UV	- 1/3	Kerl	NIGODOOPA	WANT.	

Septic System Se	ervice Agreement
In consideration of payment for this service contract, we will	abide by and agree to its terms and conditions:
Name: JOEY EDWARTS	Address: 1465 HILLCREST FOREST
Subdivision/ County: CANYON LAHR FOREST	City, State, Zip: CAN KON CAKE TR 79133
Permit # 109369 Model #	Serial #
Phone: 254-498.9072	,
( ) Initial Two Year Service Agreement	( ) One Year Service Agreement
& Two Year Limited Warranty	( ) One rear service Agreement
•	ANIALVEIC
- Contract of the Contract of	ANALYSIS
Legal Description: The Effective date of this initial maintenance contract shall be the	data the Livense to Operate is lesued
	ch will include: inspection, adjustments and servicing of the
mechanical & electrical components as necessary to	
An effluent quality inspection consisting of a visual ch	
	IASING AND KEEPING CHLORINE IN THE CHLORINATOR (IF
	HLORINE" IN THE SYSTEM, THE PROPERTY OWNER MAY INCURE
AN ADDITIONAL COST.	
4. 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 cos	
5. The response time to a complaint by the property ow	oner regarding operation of the system, shall be within 48 hours,
	, if needed, will be provided with no cost to property owner.
6. ANY PARTS, WARRANTY OR NON-WARRANTY, FREIG	GHT CHARGES, LABOR OR SERVICE CALLS DUE NOT PAID FOR
REMAIN THE PROPERTY OF BAKER SEPTIC SERVICE,	LLC AND COULD RESULT IN REPOSSESSION OF PARTS BY BAKER
SEPTIC SERVICE, LLC.	
7. THE SIGING OF THIS SERVICE AGREEMENT QUTHOR	IZES BAKER SEPTIC SERVICE, LLC TO ENTER THE PROPETY TO
EXECUTE ALL TERMS OF THIS CONTRACT.	
BAKER SEPTIC SERVICE, LLC, WILL WARRANTY INSTALLATION of th	
designs approved by the county. HOMEOWNER WILL BE RESPON	
"WARRANTED PARTS" EXCHANGED DURING WARRANTY. All oth	
IMPORTANT: As Baker Septic Service, LLC cannot control what or	
warranty how the system will function. Refer to manufacturers or	, .
service agreement does not cover the cost of service call, labor or	
to maintain electrical power to the system, sprinklers that are bro	,
flows exceeding the hydraulic/organic design capabilities and the i	
etc.), or any usage contrary to the requirements as advised by auti	
an additional coast. Chlorine, filters, or parts that are out of warra This contract does not include the pumping of a tank or of any con	
of the system regardless of reason:	mpartment of a tank, or settlement of son of or around any part
Violations of the warranty also include: Disconnecting the alarm,	restricting ventilation to the agrator, over loading the system
above its rated capacity; or flooding by external means. Rodent, in	
violation.	
A renewal service contract should be activated (30) thirty days bef	fore expiration of existing contract. We will contact property
owner prior to expiration of existing contract.	, , , , , , , , , , , , , , , , , , , ,
	er Septic Service, LLC
Maintenance Prov	222-22
	The Edwards man of Ar 2020
	Date. District
11/1/1/1 (000	
(x) Date: 8-5-	620 Authorized Service Representative

#### **Testing and Reporting Record**

This Testing and Reporting Record shall be completed, signed, and dated at time of inspection.

Inspection Due Date: \$-1-20 Installed: 7-29-19 Service expires: 7-29-21

Billing Address: 5AM &		Physical Address: 1465 HILLCREST FOREST CANTON LAKE TX 78133 JOEY EDWARDS				
Telephone: 254 - 498 - 90 Alt. Phone:	72		Lot: 24		mit 11 109369 unty: com AL	
Subdivision: CANYON LAKE NOTES:	FOR	EST				
TYPE OF SYSTEM: AE ROBIC D	RIP	SYSTE	M			
Inspected Item:	Oper	rational	hoperative			
Agenture SCIRAL Commences are BSI			- 1		Repairs or Needed repa	
Aerators SCFM/ Compressors PSI (Record Pressure Reading)		/	2.0		components replaced):	
Filters		V	2.0	CHECKEDI	LOATS, BACK FLUS	SHEL
Irrigation Pumps	V			SYSTEM CLEANED DISC & COMPRESSOR FILTERS CHECKED PSI ON COMPRESSOR CHECKED ELKC		
Disinfection Device	V					
Chlorine Supply						
Electrical Circuits						
Distribution System		~		CLNL		
Sprayfield Vegetation		~				
Back Flush Drip Field, if applicable	е	V		SYSTE	M OPERATIO	NAL
Other as Noted	-	_		-		
Access Lids are Secured	0	es	No			
TESTS REQUIRED AND RESULTS:						
	Rec	quired	Re	esults	Test	
	YES	NO	and the second second	.00mi or Trace	Method	
BOD (Grab)	-					
TSS (Grab)	/		DRIP		SLUDGE JUDGE	
Cl (Grab)		-				
Fecal Coliform						
Copies of this report have been fo	rwarde	d to the fo	llowing: Cus	TOMER &	COUNTY	
Maintenance Technician (NAA)	A DICH	ALS MIZ	0001435	8		
Maintenance Technician: DAN  Date of Completion: 8-1-20	)	Start lo	b Time: 8:50	Stop Joh T	ime: 9:00	
Date of Completion. 5 / 20	11		1 110	200		
Maintenance Provider: W.	1/1018	Low	Kr Mfo	10000	(NG)	

## Testing and Reporting Record

This Testing and Reporting Record shall be completed, signed, and dated at time of inspection.

This Testing and Reportin Inspection Due Date: j2-16-20 Billing Address: SAME	Installed: 7-2°	7-)9 Servi Phy 140	sical Address: SHILLCRE JYON LAKE TO DEY EDWARD	78133
Telephone: 254 - 498 - 90 : Alt. Phone:	7 2	Lot: 24		nit# 109369 nty: COMAL
Subdivision: CANYON LAKE NOTES:				
TYPE OF SYSTEM: PRO FLO DRIP		noperative		
Aerators SCFM/ Compressors PS (Record Pressure Reading) Filters Irrigation Pumps Disinfection Device Chlorine Supply Electrical Circuits Distribution System Sprayfield Vegetation Back Flush Drip Field, if applicab Other as Noted Access Lids are Secured IESTS REQUIRED AND RESULTS:		2. O	System (list all of CHECKED F. SYSTEM, COMPRESSO CHECKED I	OPERATIONAL
	Required YES NO		esults 100mi or Trace	Test Method
BOD (Grab) TSS (Grab) C1 (Grab) Fecal Coliform		DRIP		SWOLL JUPLE
Copies of this report have been Maintenance Technician: DAN Date of Completion: 12-14-Maintenance Provider:	PICHOLS M7 0	h Time: 2:26	Stop Job T	ime: 2.50

### **Testing and Reporting Record**

Inspection Due Date: 7:19:21 Installed: 7:29:19 Service expires: 7:29:21

Billing Address: SAME				hysical Address: ILLEREST FO VLAKE, TX EDWARDS	rest 78133	
Telephone: Z.54 · 498 · 90 Alt. Phone:			Joey Lot:	, Per Cou	inty: COMA	
Subdivision: CANYON LAKE NOTES:				SN:		
TYPE OF SYSTEM: PRO FLO D	KIP SY	3151				
Inspected Item:		ational	Inoperative			
Aerators SCFM/ Compressors PS (Record Pressure Reading)	V	/	3.2851		epairs or Needed r copponents replac E ALARAS	
Filters Irrigation Pumps	V		30 PS/	CL PSION	LOMPRESSOR LIFE	
Disinfection Device Chlorine Supply		-	No. 1999 1999	SCREEN	FILTER	umf
Electrical Circuits Distribution System	L	/		BACKFLUS CK ELE	4 SYSTEM	
Sprayfield Vegetation Back Flush Drip Field, if applicab	le V	/		SYSTEM		ONAL
Other as Noted	7	7	or Artic Administration with the			
Access Lids are Secured	Ye	25	No			
TESTS REQUIRED AND RESULTS:						
	Req	uired	R	esults	Test	
	YES	NO	Mg/1mpn/1	L00mi or Trace	Method	
BOD (Grab) TSS (Grab)			176		SLUDGE TH DGE	
C1 (Grab) Fecal Coliform		V	DRIP	-		
				10		
Coples of this report have been for	orwarded	to the fo		HOMER & COUR	7	-
Maintenance Technician: MAKT Date of Completion: 7, 19,	W HASO	ARELLI Start Jo	ob Time: 9:00		me: (0`.00 th	
	7.11.ww	- 10	Sley M	Stop Job Ti	The	

## **Testing and Reporting Record**

This Testing and Reportin	ng Record st	iall be c	ompleted, sign	ned, and dated at time	of inconstinu
Inspection Due Date: 4.9.21	Installe	ed: 7	129.19	Service expires:	7,29,71
Billing Address: SAUE				Physical Address: 1465 HILLCRE CHNYON LAKE, JOEY EDWA	y Enert
				CAMINAL AVE	7 78133
			3 1	STE E SUL	17 1010)
-4 AGC G075					
Telephone: 254 · 498 · 9072			Lot: 2	LL Per	mit # 109369
Alt. Phone:		3		Cor	inty: COMAL
Subdivision: CANYON LAKE FORE				SN	
TYPE OF SYSTEM: PRO FLO DRIP	SYSTE	M	,		
Inspected Item:	operation	-	Inoperative		and the second second
Aerators SCFM/ Compressors PSI (Record Pressure Reading)	V		3.0 81		epairs or Needed repair components replaced): ALARMS
Filters	V				HED SYSTEM
Irrigation Pumps	V		30 PSI		ISC FILTER
Disinfection Device		7.		CK PSION	COMPRESSOR
Chlorine Supply			The speciment of the second	CLEMED	FILTER
Electrical Circuits	V			CK ELEC	
Distribution System	1				
Sprayfield Vegetation	V			SYSTEM	OPERATIONAL
Back Flush Drip Field, if applicable	V				The state of the s
Other as Noted	1				
Access Lids are Secured TESTS REQUIRED AND RESULTS:	Yes		No		
TESTS REGULED MIND RESULTS.	Require	d	T	Results	Test
Y		NO	Mg/1mpn	/100mi or Trace	Method
BOD (Grab)					
TSS (Grab)		1	0%		SLUDGE JUDGE
C1 (Grab)	V		DRIP		
Fecal Coliform					
Copies of this report have been forward MARTIN To Date of Completion:	ASCARE	LLA	MT 0002	STOMER & COU 069 30 AM Stop Job Ti	45
Committee of the contract of t			_	11 Pos 26	