

Comal County

OFFICE OF COMAL COUNTY ENGINEER

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: 05/07/2018 Permit Number: 106216

Location Description: 729 CLAY RDG CANYON LAKE, TX 78133

Subdivision: Lakewood Hills on Canyon Lake
Unit: 1
Lot: 33
Block: 1
Acreage:

Type of System: Aerobic Surface Irrigation

Issued to: Sunset on the Horizon Homes, LLC

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

James Connor
ENVIRONMENTAL HEALTH INSPECTOR

OS0032485

ENVIRONMENTAL HEALTH COORDINATOR
OS0007722

## Comal County Environmental Health OSSF Inspection Sheet

Installer Name: Countryside OSSF Installer #: 050010463

1st Inspection Date: 4-23-18 2nd Inspection Date: \_\_\_\_\_ 3rd Inspection Date: 5-4-18

Inspector Name: CONNOR Inspector Name: \_\_\_\_\_ Inspector Name: CONNOR

Permit#: 106216 Address: Lakewood Hills on Canyon Lake 729 Clay Ridge

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
1	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials	✓	285.31(a) 285.30(b)(1)(A)(iv) 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(iii) 285.30(b)(1)(A)(ii) 285.30(b)(1)(A)(i)		5-4-18		
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards	✓	285.91(10) 285.30(b)(4) 285.31(d)		4-23-18		
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	✓	285.32(a)(1)		4-23-18		
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	✓	285.32(a)(3)		4-23-18		
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	✓	285.32(a)(5)		4-23-18		
6	PRETREATMENT Installed (if required) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(G) 285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(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)				
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

Tank set level. operational. ready for cover covered

**Comal County Environmental Health  
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
40	APPLICATION AREA Distribution Pipe, Fitting, Sprinkler Heads & Valve Covers Color Coded Purple?	✓	285.33(d)(2)(G)(iii)(ii)285.33(d)(2)(G)(iii)(ii)285.33(d)(2)(G)(v) 285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iv) 285.33(d)(2)(G)(i) 285.33(d)(2)(G)(ii) 285.33(d)(2)(G)(iii)(i)		4-23-18		
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)	<i>operational</i>	4-23-18		
42	APPLICATION AREA Area Installed	✓			5-4-18		
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						

*Inweco Service Pro Wasp — Control box  
XY 290099*

## Comal County Environmental Health OSSF Inspection Sheet

Installer Name: Countryside OSSF Installer #: 050010463

1st Inspection Date: 4-23-18 2nd Inspection Date: \_\_\_\_\_ 3rd Inspection Date: \_\_\_\_\_

Inspector Name: CONNOR Inspector Name: \_\_\_\_\_ Inspector Name: \_\_\_\_\_

Permit#: 106216 Address: Lakewood Hills on Canyon Lake 729 Clay Ridge

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
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3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	✓	285.32(a)(1)		4-23-18		
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	✓	285.32(a)(3)		4-23-18		
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	✓	285.32(a)(5)		4-23-18		
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7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

*Tank set level. operational. ready for cover*

**Comal County Environmental Health  
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If Single Tank, 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)(I) 285.32(b)(1)(E)(i) 285.32(b)(1)(D) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(i) 285.32(b)(1)(B) 285.32(b)(1)(A) 285.32(b)(1)(E)(iv)				
9	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used	✓	285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)		4-23-18		
10	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped	✓	285.38(d)		4-23-18		
11	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)		4-23-18		
12	SEPTIC TANK Tank Volume Installed						
13	PUMP TANK Volume Installed						
14	AEROBIC TREATMENT UNIT Size Installed						
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		Howell (Si) 600 M 960-500 / 500-600 CLASS 1	4-23-18		SYSTEM
16	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
17	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
18	DISPOSAL SYSTEM Evapo-transpirative		285.33(a)(3) 285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				

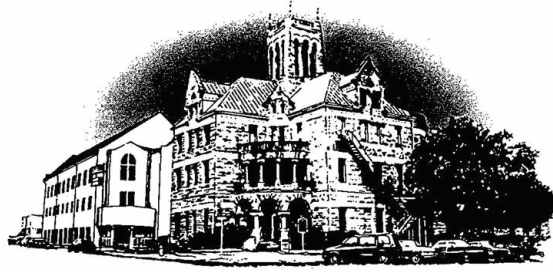
**Comal County Environmental Health  
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
32	<p>EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling</p> <p>EFFLUENT DISPOSAL SYSTEM Topographic Slopes &lt; 2.0%</p> <p>EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field ( 1000 Linear ft. for 2 bedrooms or Less &amp; an additional 400 ft. for each additional bedroom )</p> <p>EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. &amp; Vertical Separation of 1ft on bottom and 2 ft. to restrictive horizon and ground water respectfully</p> <p>EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) &amp; Pipe Holes ( 3/16 - 1/4" dia. Hole Size ) 5 ft. Apart</p>		<p>285.33(b)(3)(A)</p> <p>285.33(b)(3)(A)</p> <p>285.33(b)(3)(B)</p> <p>285.91(13)</p> <p>285.33(b)(3)(D)</p> <p>285.33(b)(3)(F)</p>				
33	<p>AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.</p>	✓	285.32(c)(1)		4-23-18		
34	<p>AEROBIC TREATMENT UNIT Inspection/Clean Out Port &amp; Risers Provided</p> <p>AEROBIC TREATMENT UNIT Secondary restraint system provided</p> <p>AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank</p> <p>AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions</p>	✓			4-23-18		
35	<p>AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.</p>	✓			4-23-18		
36	<p>PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials &amp; construction</p> <p>PUMP TANK Sampling Port Provided in the Treated Effluent Line</p> <p>PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required</p> <p>PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump</p>						
37	<p>PUMP TANK Inspection/Clean Out Port &amp; Risers Provided</p> <p>PUMP TANK Secondary restraint system provided</p> <p>PUMP TANK Riser permanently fastened to lid or cast into tank</p> <p>PUMP TANK Riser cap protected against unauthorized intrusions</p>						
38	<p>PUMP TANK Secondary restraint system provided</p>						
39	<p>PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried</p>	✓					

**Comal County Environmental Health  
OSSF Inspection Sheet**

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42	APPLICATION AREA Area Installed	✓					
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						

*Droweco Service Pro Wasp — Control box  
XY 290099*



# Comal County

OFFICE OF COMAL COUNTY ENGINEER

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

Permit Number: 106216  
Issued This Date: 07/24/2017  
This permit is hereby given to: Sunset on the Horizon Homes, LLC

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

729 CLAY RDG  
CANYON LAKE, TX 78133

Subdivision: Lakewood Hills on Canyon Lake  
Unit: 1  
Lot: 33  
Block: 1  
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.



OSSF DEVELOPMENT APPLICATION CHECKLIST

Staff will complete shaded

items Date Received	initials

106216
Permit Number

Instructions:

Place a check mark next to all items that apply. For items that do not apply, place "N/A". This OSSF Development Application Checklist must accompany the completed application.

OSSF Permit

Completed Application for Permit for Authorization to Construct an On-Site Sewage Facility and License to Operate

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 Chapter 285. Planning Materials shall consist of a scaled design and all system specifications.

Required Permit Fee

Copy of Recorded Deed

Surface Application/Aerobic Treatment System

Recorded Certification of OSSF Requiring Maintenance/Affidavit to the Public

Signed Maintenance Contract with Effective Date as Issuance of License to Operate

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I affirm that I have provided all information required for my OSSF Development Application and that this application constitutes a completed OSSF Development Application.

  
\_\_\_\_\_  
Signature of Applicant

07/17/17  
\_\_\_\_\_  
Date

___ COMPLETE APPLICATION	
Check No. _____	Receipt No. _____

___ INCOMPLETE APPLICATION
(Missing Items Circled, Application Refused)

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

Date October 24, 2016

Permit # 106216

Owner Name SUNSET ON THE HORIZON HOMES, LLC  
Mailing Address 721 S. OHIO AVE  
City, State, Zip MERCEDES, TX 78570  
Phone# (956) 577-3585  
Email [REDACTED]

Agent Name GREG W. JOHNSON, P.E.  
Agent Address 170 HOLLOW OAK  
City, State, Zip NEW BRAUNFELS, TX 78132  
Phone # (830) 905-2778  
Email [REDACTED]

All correspondence should be sent to:  Owner  Agent  Both

Method:  Mail  Email

Subdivision Name LAKEWOOD HILLS ON CANYON LAKE Unit/Phase/Section 1 Lot 33 Block 1

Acreage/Legal \_\_\_\_\_

Street Name/Address 729 CLAY RIDGE City CANYON LAKE Zip 78133

Type of Development:

Single Family Residential

Type of Construction (House, Mobile, RV, Etc.) HOUSE

Number of Bedrooms 5

Indicate Sq Ft of Living Area 3000

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Commercial or Institutional Facility

(Planning materials must show adequate land area for doubling the required land needed for treatment units and disposal area)

Type of Facility \_\_\_\_\_

Offices, Factories, Churches, Schools, Parks, Etc. - Indicate Number Of Occupants \_\_\_\_\_

Restaurants, Lounges, Theaters - Indicate Number of Seats \_\_\_\_\_

Hotel, Motel, Hospital, Nursing Home - Indicate Number of Beds \_\_\_\_\_

Travel Trailer/RV Parks - Indicate Number of Spaces \_\_\_\_\_

Miscellaneous \_\_\_\_\_

Estimated Cost of Construction: \$ 300,000 (Structure Only)

Is any portion of the proposed OSSF located in the United States Army Corps of Engineers (USACE) flowage easement?

Yes  No

(if yes, owner must provide approval from USACE for proposed OSSF improvements within the USACE flowage easement)

Source of Water  Public  Private Well

Are Water Saving Devices Being Utilized Within the Residence?  Yes  No

I certify that the completed application and all additional information submitted does not contain any false information and does not conceal any material facts. Authorization is hereby given to the permitting authority and designated agents to enter upon the above described property for the purpose of site/soil evaluation and inspection of private sewage facilities. I also understand that a permit of authorization to construct will not be issued until the Floodplain Administrator has performed the reviews required by the Comal County Flood Damage Prevention Order.

Signature of Owner

Date

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

106214

Planning Materials & Site Evaluation as Required Completed By GREG W. JOHNSON, P.E.

System Description PROPRIETARY; AEROBIC TREATMENT AND SURFACE IRRIGATION

Size of Septic System Required Based on Planning Materials & Soil Evaluation

Tank Size(s) (Gallons) NORWECO 960-600 Absorption/Application Area (Sq Ft) 6035

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)

Is the property located over the Edwards Recharge Zone? [ ] Yes [X] No

(If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))

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Is there an existing TCEQ approved WPAP for the property? [ ] Yes [X] No

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(if yes, the R. S. or P. E. shall certify that the OSSF design complies with all provisions of the existing WPAP.)

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If there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP? [ ] Yes [ ] No

(If yes, the R.S. or P. E. shall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the proposed WPAP has been approved by the appropriate regional office.)

Is the property located over the Edwards Contributing Zone? [X] Yes [ ] No

Is there an existing TCEQ approval CZP for the property? [ ] Yes [X] No

(if yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP)

If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP? [ ] Yes [X] No

(if yes, the P.E. or R.S. shall certify that the OSSF design will comply with all provisions of the proposed CZP. A Permit to construct will not be issued for the proposed OSSF until the CZP has been approved by the appropriate regional office.)

Is this property within an incorporated city? [ ] Yes [X] No

If yes, indicate the city: \_\_\_\_\_



FIRM #2585

I certify that the information provided above is true and correct to the best of my knowledge.

Signature of Designer: [Handwritten Signature]

Date: October 24, 2016

**AFFIDAVIT**



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106212

THE COUNTY OF COMAL  
STATE OF TEXAS

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**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.

**I**

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.

**II**

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):**

1 UNIT/PHASE/SECTION 1 BLOCK 33 LOT LAKEWOOD HILLS ON CANYON LAKE SUBDIVISION

IF NOT IN SUBDIVISION: \_\_\_\_\_ ACREAGE \_\_\_\_\_ SURVEY

The property is owned by **(insert owner's full name):** SUNSET ON THE HORIZON HOMES, LLC

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.

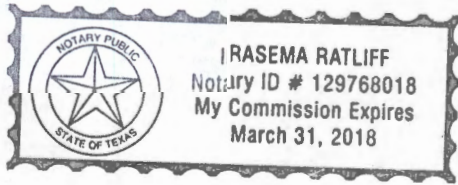
WITNESS BY HAND(S) ON THIS 12<sup>th</sup> DAY OF July, 2016

[Signature]  
Owner(s) signature(s)

John Engel - MANAGING PARTNER  
Owner (s) Printed name (s)

John M. Engel SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 12<sup>th</sup> DAY OF July, 2016

[Signature]  
Notary Public Signature



(Notary Seal)



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This page has been added to comply with the statutory requirement that the clerk shall stamp the recording information at the bottom of the last page.

This page becomes part of the document identified by the file clerk number affixed on preceding pages.

Filed and Recorded  
Official Public Records  
Bobbie Koepf, County Clerk  
Comal County, Texas  
07/17/2017 11:44:26 AM  
TERRI 2 Page(s)  
201706033585



*Bobbie Koepf*

**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: SUNSET ON THE HORIZON HOMES, LLC Address: 729 CLAY RIDGE  
Sub-Div./County: LAKEWOOD HILLS / COMAL City, State-Zip: CANYON LAKE, TX 78133  
Permit #: \_\_\_\_\_ Model #: NORWECO 960 600 Serial #: \_\_\_\_\_  
Phone #: 956-577-3585

( X ) Initial Two Year Service Agreement & Two Year Limited Warranty ( ) One Year Service Agreement

The effective date of this initial maintenance contract shall be the date the License to Operate is issued.

Legal Description: LAKEWOOD HILLS ON CANYON LAKE, SECTION 1, BLOCK 1, LOT 33

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 48 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 AUTHORIZES COUNTRYSIDE CONSTRUCTION TO ENTER THE PROPERTY TO EXECUTE ALL TERMS OF THIS CONTRACT.

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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 "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 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 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

(X) John Engel Print Name (X) John Engel Date: 1/16/17  
Property Owner Signature

(X) Walker Chapman Date: 1/16/17 Authorized Service Representative (revised 10/9/09)

# ON-SITE SEWERAGE FACILITY SOIL EVALUATION REPORT INFORMATION

Date Soil Survey Performed: October 23, 2016

Site Location: LAKEWOOD HILLS ON CANYON LAKE, SECTION 1, BLK 1, LOT 33

Proposed Excavation Depth: N/A

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JUL 18 2017

**Requirements:**

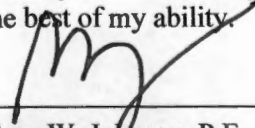
COUNTY ENGINEER

- 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.

SOIL BORING NUMBER <u>1</u>						
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0	<b>III</b>	<b>CLAY LOAM</b>	<b>N/A</b>	<b>NONE OBSERVED</b>	<b>LIMESTONE @ 12"</b>	<b>BROWN</b>
1						
2						
3						
4						
5						

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

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

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

10/23/16  
 \_\_\_\_\_  
 Date

**OSSF SOIL EVALUATION REPORT INFORMATION**

Date: October 24, 2016

**Applicant Information:**

Name: SUNSET ON THE HORIZON HOMES, LLC  
Address: 721 S. OHIO AVE  
City: MERCEDES State: TX  
Zip Code: 78570 Phone: 956-577-3585

**Site Evaluator Information:**

Name: Greg W. Johnson, P.E., R.S., S.E. 11561  
Address: 170 Hollow Oak  
City: New Braunfels State: Texas  
Zip Code: 78132 Phone & Fax (830)905-2778

**Property Location:**

Lot 33 Sect 1 Blk 1 Subd. LAKEWOOD HILLS ON CANYON LAKE  
Street Address: 729 CLAY RIDGE  
City: CANYON LAKE Zip Code: 78133  
Additional Info.: \_\_\_\_\_

**Installer Information:**

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_  
Zip Code: \_\_\_\_\_ Phone \_\_\_\_\_

**Topography:** Slope within proposed disposal area: 4 %  
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 \_\_\_\_\_ NO X  
Presence of upper water shed: YES \_\_\_\_\_ NO X  
Organized sewage service available to lot: YES \_\_\_\_\_ NO X

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**Design Calculations for Aerobic Treatment with Spray Irrigation:**

Commercial

Q = \_\_\_\_\_ GPD \_\_\_\_\_

Residential Water conserving fixtures to be utilized? Yes X No \_\_\_\_\_

Number of Bedrooms the septic system is sized for: 5 Total sq. ft. living area 3000

Q gal/day = (Bedrooms +1) \* 75 GPD - (20% reduction for water conserving fixtures)

Q = (5 +1)\*75-(20%)= 360

Trash Tank Size 400 Gal.

TCEQ Approved Aerobic Plant Size 600 G.P.D.

Req'd Application Area = Q/Ri = 360 / 0.064 = 5625 sq. ft.

Application Area Utilized = 6035 sq. ft.

Pump Requirement 9.3 Gpm @ 40 Psi (Redjacket 0.5 HP 18 G.P.M. series or equivalent)

Dosing Cycle: \_\_\_\_\_ ON DEMAND or X TIMED TO DOSE IN PREDAWN HOURS

Pump Tank Size = 825 Gal. VARIES Gal/inch.

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

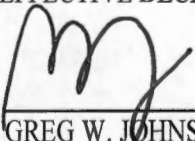
Two way cleanout

Pop-up rotary sprinkler heads w/ purple non-potable lids

1" Sch-40 PVC discharge manifold

APPLICATION AREA SHOULD BE SEEDED AND MAINTAINED WITH VEGETATION.

I HAVE PERFORMED A THOROUGH INVESTIGATION BEING A REGISTERED PROFESSIONAL ENGINEER AND SITE EVALUATOR IN ACCORDANCE WITH CHAPTER 285, SUBCHAPTER D, §285.30, & §285.40 (REGARDING RECHARGE FEATURES), TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (EFFECTIVE DECEMBER 27, 2012)

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

10/24/16  
DATE







**DEPARTMENT OF THE ARMY**  
**FORT WORTH DISTRICT, CORPS OF ENGINEERS**  
601 COE ROAD  
CANYON LAKE, TEXAS 78133-4149

26 May 2017

John Engel  
721 South Ohio Avenue  
Mercedes, Texas 78570

Dear Mr. Engel,

This letter is in regards to your request for a review of the OSSF for 729 Clay Ridge, Canyon Lake, Texas, 78133 in flowage easement Tract 409E. The US Army Corps of Engineer's Ft. Worth District Real Estate office issued Consent DACW63-9-14-0566 for the OSSF. After review of the revised plans submitted on 26 April 2017 and clarification, we do not need to modify the original consent. The revised plans are acceptable.

If you have questions, please contact the Canyon Lake Office at 830-964-3341 Monday – Friday, 8 am to 4:30 pm.

Sincerely,

A handwritten signature in black ink, appearing to read "Marcus Schimank".

Marcus Schimank  
Lake Manager

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JUL 18 2017

COUNTY ENGINEER

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

October 24, 2016

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

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JUL 18 2017

RE: Septic Design - Permit #  
Lakewood Hills on Canyon Lake, Section 1, Block 1, Lot 33  
729 Clay Ridge  
Sunset on the Horizon Homes, LLC

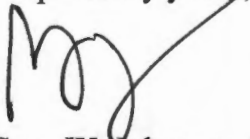
COUNTY ENGINEER

Ms. Brenda Ritzen/Sandra Hernandez,

The septic system for the referenced property has an application area below the Corp of Engineers, Flowage Easement. In accordance with CESWF-OD/CESWF-RE Standard Operating Procedures, Flow Easement Management, Appendix C, 5c. (6) the sewage system was designed to insure no damage will occur to the system and no pollution of the reservoir waters and that no other objectionable effects will result there from, either from a public health or project operational standpoint.

If I can be of further assistance please contact me.

Respectfully yours,



Greg W. Johnson, P.E., F#2585



**Greg W. Johnson, P.E.**

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

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JUL 18 2017  
COUNTY ENGINEER

April 26, 2017

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

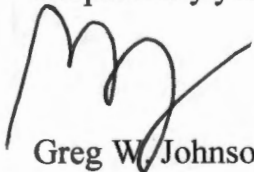
RE: Septic Design -  
729 CLAY RIDGE  
LAKEWOOD HILLS ON CANYON LAKE, UNIT 1, BLOCK 1, LOT 33  
CANYON LAKE, TX 78133  
SUNSET ON THE HORIZON HOMES, LLC

Ms. Ritzen/Hernandez,

Due to the lack of available application area it is necessary to have the setback from the property line to the spray at ten feet as required by TCEQ Chapter 285 rules Table X. I hereby request a variance to the twenty foot setback to property lines as required by Comal County Order and equivalent protection will be maintained by including a battery backup to the timer clock to assure sprayers to only spray during the predawn hours. In my professional opinion this variance will not pose a threat to the environment or public health.

If I can be of further assistance please contact me.

Respectfully yours,



Greg W. Johnson, P.E., F#2585



#106216

**REVISED**

9:08 am, Apr 17, 2018

CLAY RIDGE

90.00'

LOT 33

NORWECO MODEL  
960 - 600GPD AEROBIC  
TREATMENT PLANT

DRIVEWAY

5 BDRM RES.  
3000sf

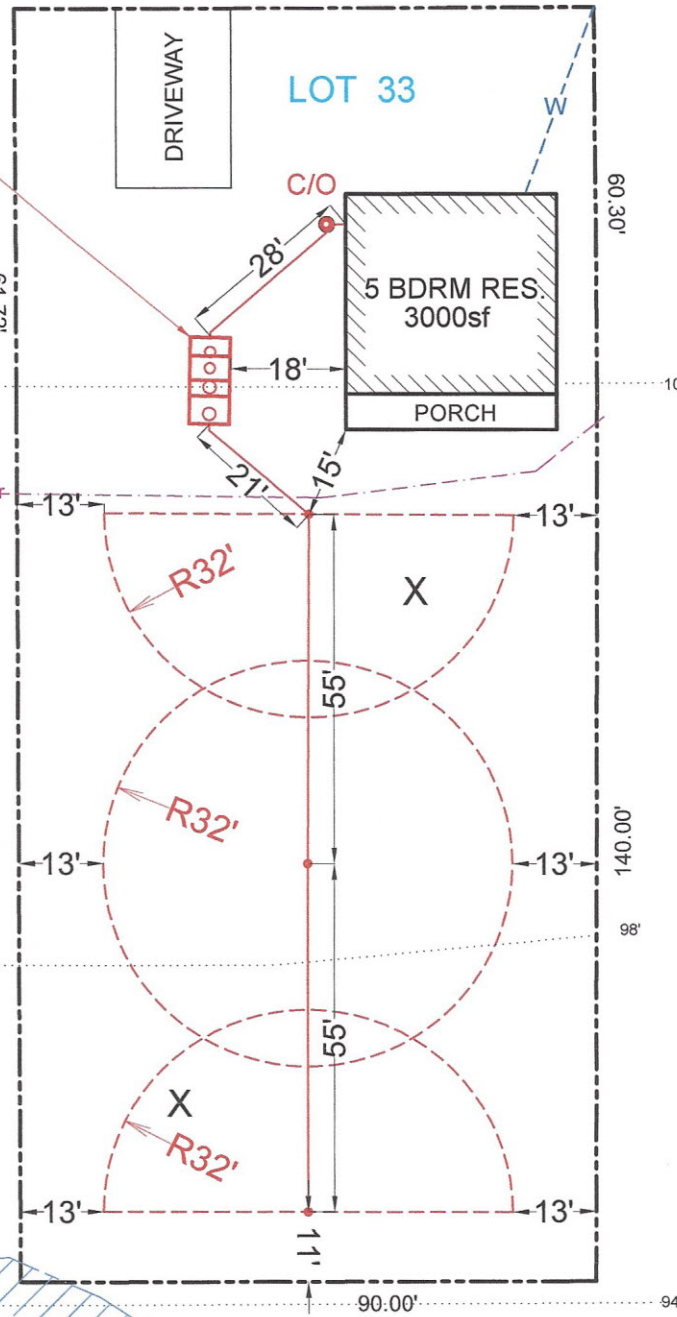
PORCH

C/O

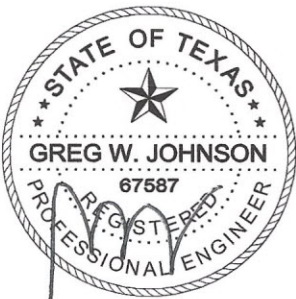
948' Contour

SPRAY AREA = 6035sf

X= TEST HOLES



FLOOD ZONE "A"



OWNER: SUNSET ON THE HORIZON HOMES, LLC		DRAWN BY:	
STREET ADDRESS: 729 CLAY RIDGE			
LEGAL DESC: LAKEWOOD HILLS on CANYON LAKE	UNIT/SECTION/PHASE: 1	BLOCK: 1	LOT: 33
PREPARED BY: GREG W. JOHNSON, P.E. F#002585	SCALE: 1"=30'	DATE: 7/5/2016	REVISED: 04/17/2018

**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.

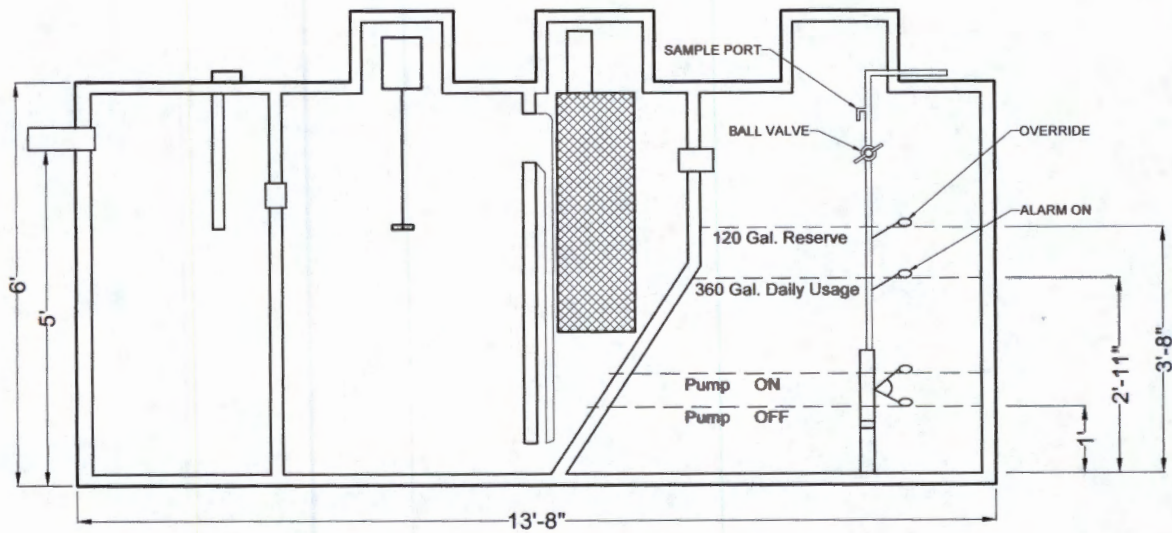
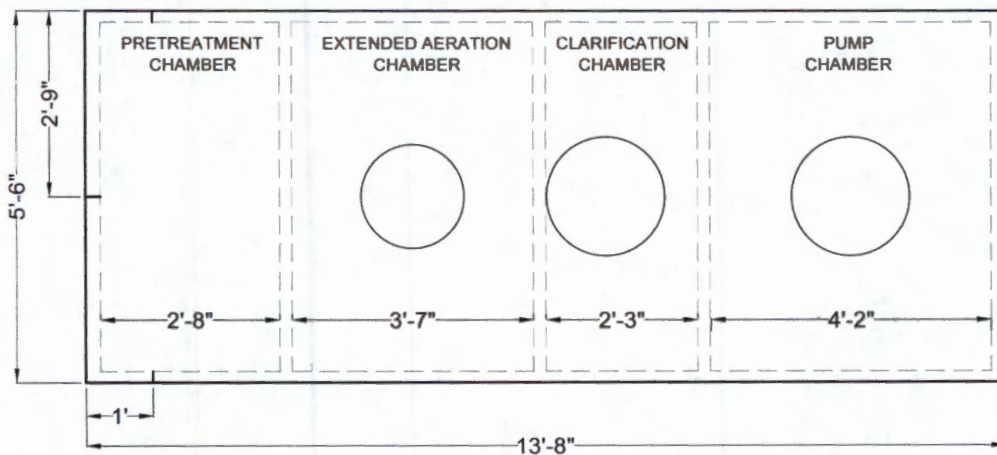


*Handwritten:* 10/24/2016  
RECEIVED

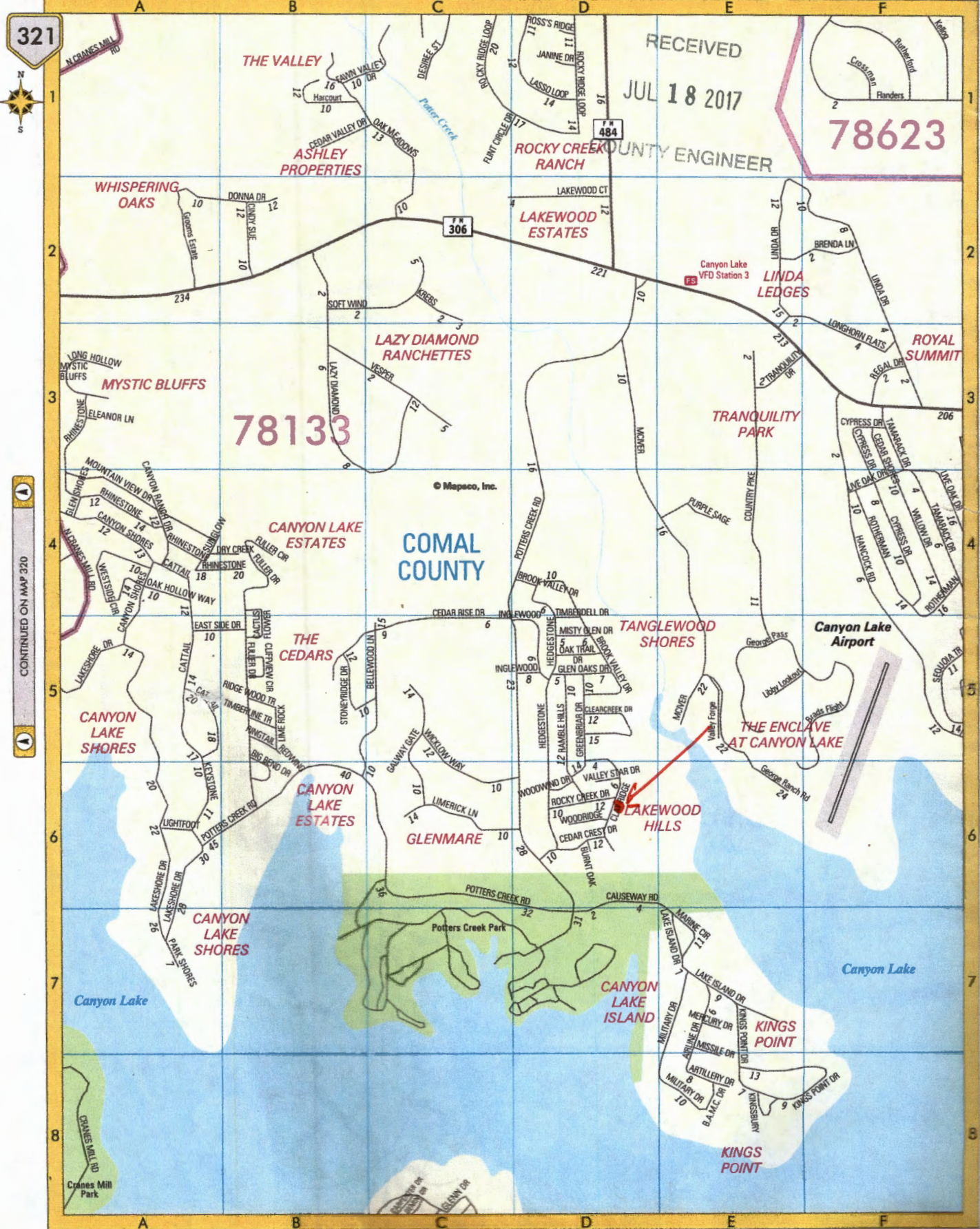
JUL 18 2017

COUNTY ENGINEER

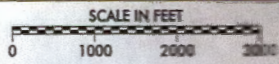
ALL WIRING MUST BE IN COMPLIANCE WITH THE MOST RECENT NATIONAL ELECTRIC CODE



**TYPICAL PUMP TANK CONFIGURATION  
NORWECO SINGULAR BIO-KINETIC  
MODEL 960-600 GPD (360 GPD - 5 BDRM)**



CONTINUED ON MAP 320



**VOID**

CLAY RIDGE

90.00'

LOT 33

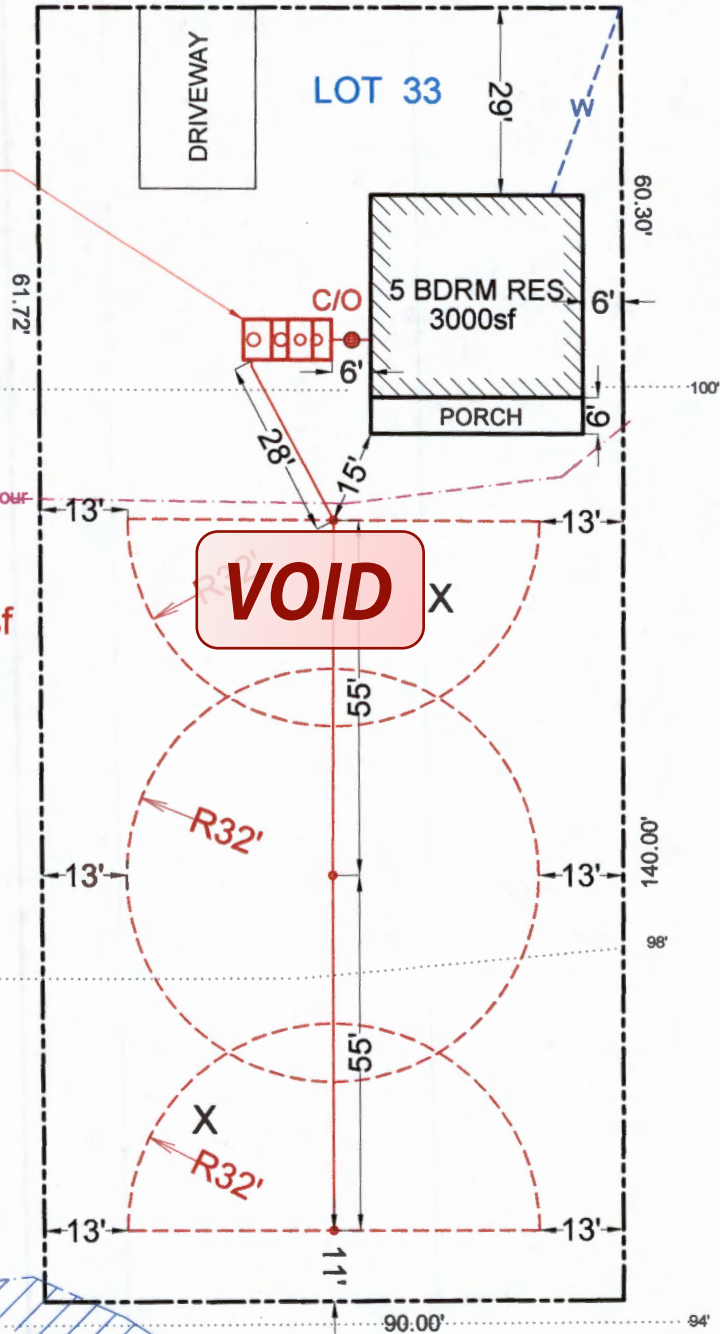
DRIVEWAY

NORWECO MODEL  
960 - 600GPD AEROBIC  
TREATMENT PLANT

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JUL 18 2017

COUNTY ENGINEER



SPRAY AREA = 6035sf

X= TEST HOLES

**VOID**

FLOOD ZONE "A"



OWNER: SUNSET ON THE HORIZON HOMES, LLC		DRAWN BY:		
STREET ADDRESS: 729 CLAY RIDGE				
LEGAL DESC: LAKEWOOD HILLS on CANYON LAKE	UNIT/SECTION/PHASE: 1	BLOCK: 1	LOT: 33	
PREPARED BY: GREG W. JOHNSON, P.E. F#002585	SCALE: 1"=30'	DATE: 7/5/2016	REVISED: 04/25/2017	



201406019653 06/09/2014 04:13:06 PM 1/2

2M

General Warranty Deed

Date: March 20, 2014

Grantor: Samisi Investments, LLC

Grantor's Mailing Address:

Samisi Investments , LLC  
721 S Ohio Ave  
Mercedes TX 78570  
Hidalgo County

Grantee: Sunset on the Horizon Homes LLC, a Texas Limited Liability Company

Grantee's Mailing Address:

↘ Sunset on the Horizon Homes LLC  
721 S Ohio Ave  
Mercedes TX 78570  
Hidalgo County

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COUNTY ENGINEER

Consideration:

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

Property (including any improvements):

Block 1, Lot 33 Lakewood Hills On Canyon Lake 1, Comal, County, Texas

Reservations from Conveyance:

None

Exceptions to Conveyance and Warranty:

None

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.



As part of the consideration for this deed, Grantor and Grantee agree that, as between Grantor and Grantee, the risk of liability or expense for environmental problems, even if arising from events before closing, is the sole responsibility of Grantee, regardless of whether the environmental problems were known or unknown at closing. Grantee indemnifies, holds harmless, and releases Grantor from liability for any latent defects and from any liability for environmental problems affecting the property, including liability under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), the Resource Conservation and Recovery Act (RCRA), the Texas Solid Waste Disposal Act, or the Texas Water Code. Grantee indemnifies, holds harmless, and releases Grantor from any liability for environmental problems affecting the property arising as the result of Grantor's own negligence or the negligence of Grantor's representatives. Grantee indemnifies, holds harmless, and releases Grantor from any liability for environmental problems affecting the property arising as the result of theories of products liability and strict liability, or under new laws or changes to existing laws enacted after the effective date that would otherwise impose on Grantor in this type of transaction new liabilities for environmental problems affecting the property.

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JUL 18 2017  
COUNTY ENGINEER

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

*John Engel, Manager*  
John Engel, Manager of  
Samisi Investments, LLC

STATE OF TEXAS

COUNTY OF Hidalgo

This instrument was acknowledged before me on June 20th, 2014 by John Engel, Manager.

*Hilda L. Barbosa*  
Notary Public, State of Texas  
My commission expires: 2-20-17



Filed and Recorded  
Official Public Records  
Joy Streater, County Clerk  
Comal County, Texas  
06/09/2014 04:13:06 PM  
TERRI 2 Page(s)  
201406019653



*Joy Streater*

AFTER RECORDING RETURN TO:  
John Engel  
721 S Ohio Ave  
Mercedes TX 78570

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

Phone: P  
 Fax:

TESTING AND REPORTING RECORD

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

1. Inspection Date: SEPTEMBER 7, 2020 Installed: 5/7/2018 Service Expires: 5/7/2021

BILLING ADDRESS:  
 JOHN ENGEL (SUNSET ON THE HORIZON)  
 729 CLAY RIDGE  
 CANYON LAKE, TX 78133

PHYSICAL ADDRESS:  
 729 CLAY RIDGE  
 CANYON LAKE, TX 78133

TELEPHONE: 956-577-3585  
 ALT. PHONE:

LOT: LT 33.

PERMIT#: 106216

COUNTY: COMAL

SN: 900851WQ

SUBDIVISION: LAKEWOOD HILLS MS#: N96055-600

MAPSCO: N/A

NOTES: CLEAN EFFLUENT FILTER DURING MAY INSPECTION  
 TYPE OF SYSTEM: SPRAY

Inspected Item:	Operational	Inoperative	2. Action taken or Repairs or Needed repairs to system. List all components replaced.
Aerators			
SCFM/Compressor P&T (Record Pressure Reading)	3.0		
Filters	/		
Irrigation Pumps			Checked pump,
Recirculation Pumps	N/A		Alarm, FLOATS,
Disinfection Device	/		Chlorine, SPRINKLERS
Chlorine Supply	/		Aerator
Electrical Controls	/		
Distribution System	/		
Sprayfield Vegetation	/		
Back Flush Drip Field, if applicable	N/A		
Other as Noted	/		
Access Points are Secured			SYSTEM OPERATING AS DESIGNED? <input checked="" type="checkbox"/> Y/N
			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

3. Tests required and results:

	Required		Results ng/l min. 100ml or Trace	Test Method
	Yes	No		
BOD (Grab)				
TSS (Grab)		/		
Cl (Grab)	/			
Fecal Coliform				

Copies of this report have been forwarded to the following: COMAL county / homeowner

Maintenance Technician: Thomas 11

Date of completion: 10/28/20 Start Job Time: 3:35 Stop Job Time: 3:58

Maintenance Provider: Walkenlynn

Countryside Construction, Inc.  
300 Chapman Parkway, Canyon Lake, TX 78123  
Phone: 820-899-2615 or 1-888-375-3721 Fax: 820-366-5882

**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 ENGEL Address: 725 CLAY RIDGE  
Sub-Div./County: LAKEWOOD HILLS, COMAL Canyon Lake, TX 78123  
Permit #: 106216 SPRAY Model #: M96005-888 Serial #: S06251WQ  
Phone: 956-577-3686

**PLEASE SELECT CONTRACT TERM**

One Year Service Agreement \$265.00  Two Year Service Agreement \$575.00

Legal Description: LT 21, LAKEWOOD HILLS- COMAL

This non-refundable contract will be in effect FROM: 5/17/2021 TO: 5/17/2022 OR 2021 if choosing the two year service agreement add one year to expiration date) Countryside Construction, Inc. will provide the following:

- An inspection every (4) four months which will include: Servicing of the mechanical & electrical components as necessary; insure system is functioning as engineer designed; pulling and clearing the flowest brand aerator float; cleaning compressor air filters of other brands; check chlorine conduct volts test to determine if system should be pumped; back flushing tubing for drip irrigation fields and checking sprinklers on above ground systems
- The property owner is responsible for "purchasing and keeping chlorine" in the tank/aerator (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.
  - 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 AUTHORIZED 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.
  - THE SIGNING OF THIS SERVICE AGREEMENT AUTHORIZES COUNTRYSIDE CONSTRUCTION TO ENTER THE PROPERTY TO EXECUTE ALL TERMS OF THIS CONTRACT.

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

Important: As Countryside Construction, Inc. cannot control what or how much effluent goes into the septic system, we cannot warranty how the system will function. Refer to manufacturers or installer's instructions for suggestions of septic operator. If necessary, between inspections, it is the property owner's responsibility to clean the aerator float or drip irrigation systems. This service agreement does not cover the cost of "service calls, labor or materials that are required or parts out of warranty (ie: to maintain electrical power to the system; sprinklers that are broken, leaking, stopped-up or otherwise not-functioning; or water flows exceeding the hydraulic/organic design capabilities and the input of non-biodegradable materials (solvents, grease, oil, car oil, etc.), or any usage contrary to the requirements as advised by authorized service representative. Laboratory test work is available an additional cost. 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 a part of the system regardless of reason.  
Violations of the warranty also include: disconnecting the alarm, restricting ventilation to the aerator, overloading the system; rated capacity; or flooding by external means. Rodent, insect or fire ant damage or any other form of structural abuse is a violation.  
A renewal service contract should be "activated" (30) thirty days before expiration of existing contract. We will contact you owner prior to expiration of existing contract.

Serviced by: Countryside Construction Inc.

Walker Chapman - Installer's License #066002929-068F

Maintenance Provider License #066002929-068F

John Engel  
Property Owner Signature

Print Name: John Engel Date: 5/18/21

Walker Chapman

Date: 6-8-21

Authorized Service Representative (license #)

**PAID** \$295.<sup>00</sup>  
6.8.21  
CC

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

**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: **SEPTEMBER 7, 2021** Installed: **5/7/2018** Service Expires: **5/7/2022**

**BILLING ADDRESS:**  
**JOHN ENGEL (SUNSET ON THE HORIZON)**  
**729 CLAY RIDGE**  
**CANYON LAKE, TX 78133**

**PHYSICAL ADDRESS:**  
**729 CLAY RIDGE**  
**CANYON LAKE, TX 78133**

**TELEPHONE: 956-577-3585**  
**ALT. PHONE:**

**LOT: LT 33,**

**PERMIT#: 106216**  
**COUNTY: CIMAL**  
**SN: 900851WQ**  
**MAPSCO: N/A**

**SUBDIVISION: LAKEWOOD HILLS MFG: N960SS-600**

**NOTES: CLEAN EFFLUENT FILTER DURING MAY INSPECTION**  
**TYPE OF SYSTEM: SPRAY**

Inspected Item:	Operational	Inoperative
Aerators		
SCFM/Compressors PSI (Record Pressure Reading)	2.0	
Filters	/	
Irrigation Pumps	/	
Recirculation Pumps	NA	
Disinfection Device	/	
Chlorine Supply	/	
Electrical Circuits	/	
Distribution System	/	
Sprayfield Vegetation	/	
Back Flush Drip Field, if applicable	NA	
Other as Noted		
<b>Access Posts are Secured</b>		

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

*rodged aerator*  
*Chd pump & floats*  
*Chd Alarms & spray heads*

**SYSTEM OPERATING AS DESIGNED? Y/N**

**Yes**  **No**

3. Tests required and results:

	Required		Results mg/l mpn/100ml or Trace	Test Method
	Yes	No		
BOD (Grab)	/			
TSS (Grab)	/		<i>Clear</i>	<i>Grab</i>
Cl (Grab)	/		<i>1.0</i>	<i>OTO</i>
Faecal Coliform				

Copies of this report have been forwarded to the following: **CIMAL county / homeowner.**

Maintenance Technician: *Corey*

6

Date of completion: *9-30-21* Start Job Time: \_\_\_\_\_ Stop Job Time: \_\_\_\_\_

Maintenance Provider: *Walsh Chapman*

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

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: JANUARY 7, 2022 Installed: 5/7/2018 Service Expires: 5/7/2022

BILLING ADDRESS:  
 JOHN ENGEL (SUNSET ON THE HORIZON)  
 729 CLAY RIDGE  
 CANYON LAKE, TX 78133

PHYSICAL ADDRESS:  
 729 CLAY RIDGE  
 CANYON LAKE, TX 78133

TELEPHONE: 956-577-3585  
 ALT. PHONE:

LOT: LT 33,

PERMIT#: 106216  
 COUNTY: COMAL  
 SN: 900851WQ  
 MAPSCO: N/A

SUBDIVISION: LAKEWOOD HILLS MFG: N960SS-600

NOTES: CLEAN EFFLUENT FILTER DURING MAY INSPECTION  
 TYPE OF SYSTEM: SPRAY

Inspected Item:	Operational	Inoperative
Aerators		
SCFM/Compressors PSI (Record Pressure Reading)	✓	
Filters	✓	
Irrigation Pumps	✓	
Recirculation Pumps	✓	
Disinfection Device	✓	
Chlorine Supply	✓	
Electrical Circuits	✓	
Distribution System	✓	
Sprayfield Vegetation		
Back Flush Drip Field, if applicable		
Other as Noted		

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

Pump and alarm test good.  
 All floats work. Sprayers work good. Aerator cleaned and Roded. Chlorine dispenser cleaned.

SYSTEM OPERATING AS DESIGNED? Y/N  
 Access Posts are Secured  Yes  No

3. Tests required and results:

	Required		Results mg/l mpn/100ml or Trace	Test Method
	Yes	No		
BOD (Grab)				
TSS (Grab)				
Cl (Grab)				
Fecal Coliform				

Copies of this report have been forwarded to the following: COMAL county / homeowner.

Maintenance Technician: Cayenne 10  
 Date of completion: Feb. 25 Start Job Time: 9:45 am Stop Job Time: 10:06 am  
 Maintenance Provider: Walsh Chism

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

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: MAY 7, 2022 Installed: 5/7/2018 Service Expires: 5/7/2022

BILLING ADDRESS:  
 JOHN ENGEL (SUNSET ON THE  
 HORIZON)  
 729 CLAY RIDGE  
 CANYON LAKE, TX 78133

PHYSICAL ADDRESS:  
 729 CLAY RIDGE  
 CANYON LAKE, TX 78133

TELEPHONE: 956-577-3585  
 ALT. PHONE:

LOT: LT 33,

PERMIT#: 106216

COUNTY: COMAL

SN: 900851WQ

SUBDIVISION: LAKEWOOD HILLS

Manufacturer: N960SS-600

MAPSCO: N/A

NOTES: CLEAN EFFLUENT FILTER DURING MAY INSPECTION

TYPE OF SYSTEM: SPRAY

Inspected Item:	Operational	Inoperative
Aerators	✓	
SCFM/Compressors PSI Record Pressure Reading	✓	
Filters	✓	
Irrigation Pumps	✓	
Recirculation Pumps	N/A	
Disinfection Device	✓	
Chlorine Supply	✓	
Electrical Circuits	✓	
Distribution System	✓	
Sprayfield Vegetation	✓	
Back Flush Drip Field, if applicable	N/A	
Other as Noted		
Access Posts are Secured	Yes	No

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

*Pump and alarm both good.  
 All floats work, sprayers  
 work good. Aerator cleaned  
 and rodded. Effluent Filter  
 cleaned.*

SYSTEM OPERATING AS DESIGNED? Y/N

3. Tests required and results:

	Required		Results mg/l mpn/100mi or Trace	Test Method
	Yes	No		
BOD (Grab)				
TSS (Grab)	✓		clear	grab
Cl (Grab)	✓		1.0	OTD
Fecal Coliform				

Copies of this report have been forwarded to the following: COMAL county / homeowner.

Maintenance Technician: Cayenne

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Date of completion: May 18 Start Job Time: 5:10 PM Stop Job Time: 8:55 PM

Maintenance Provider: Walker Chapman