



COMAL COUNTY

ENGINEER'S OFFICE

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: 04/27/2021

Permit Number: 112285

Location Description: 950 COUNTRY PIKE
CANYON LAKE, TX 78133

Subdivision: Tranquility Park
Unit: 2
Lot: 16
Block: n/a
Acreage: 5.0000

Type of System: Aerobic
Surface Irrigation

Issued to: Stuart J. Gilfillan

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

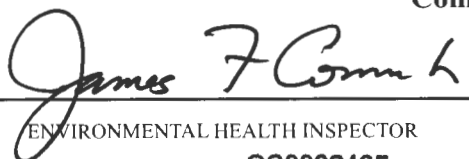
may require a new permit. **It is the responsibility of the owner to apply for a new permit, if applicable.**

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.

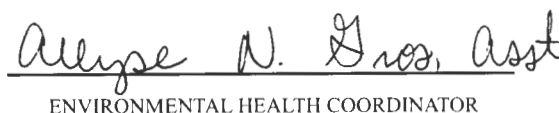
This license to operate is valid for an indefinite period. The holder may transfer it to a succeeding owner, provided the

Licensing Authority

Comal County Environmental Health


ENVIRONMENTAL HEALTH INSPECTOR

OS0032485


ENVIRONMENTAL HEALTH COORDINATOR

OS0035605

Comal County Environmental Health

OSSF Inspection Sheet

Installer Name: _____

OSSF Installer #: _____

1st Inspection Date: _____

2nd Inspection Date: _____

3rd Inspection Date: _____

Inspector Name: _____

Inspector Name: _____

Inspector Name: _____

Permit#:

Address:

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)				
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards		285.91(10) 285.30(b)(4) 285.31(d)				
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)		285.32(a)(1)				
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot		285.32(a)(3)				
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)		285.32(a)(5)				
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)				

Inspector Notes:

**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)				
10	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
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)				
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						
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.
19	DISPOSAL SYSTEM Drip Irrigation		285.33(c)(3)(A)-(F)				
20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
21	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(4) 285.33(a)(3) 285.33(a)(1) 285.33(a)(2)				
22	DISPOSAL SYSTEM Gravelless Pipe		285.33(a)(3) 285.33(a)(2) 285.33(a)(4) 285.33(a)(1)				
23	DISPOSAL SYSTEM Mound		285.33(a)(3) 285.33(a)(1) 285.33(a)(2) 285.33(a)(4)				
24	DISPOSAL SYSTEM Other (describe) (Approved Design)		285.33(d)(6) 285.33(c)(4)				
25	DRAINFIELD Absorptive Drainline 3" PVC or 4" PVC						
26	DRAINFIELD Area Installed						
27	DRAINFIELD Level to within 1 inch per 25 feet and within 3 inches over entire excavation		285.33(b)(1)(A)(v)				
28	DRAINFIELD Excavation Width DRAINFIELD Excavation Depth DRAINFIELD Excavation Separation DRAINFIELD Depth of Porous Media DRAINFIELD Type of Porous Media						
29	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place		285.33(b)(1)(E)				
30	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)				
31	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length & Width, and Adequate Separation Distance between Trenches		285.33(d)(1)(C)(i)				

**Comal County Environmental Health
OSSF Inspection Sheet**

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

**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)(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)				
41	APPLICATION AREA Low Angle Nozzles Used / Pressure is as required APPLICATION AREA Acceptable Area, nothing within 10 ft of sprinkler heads? APPLICATION AREA The Landscape Plan is as Designed		285.33(d)(2)(G) (i)285.33(d)(2) (A)285.33(d)(2)(F)				
42	APPLICATION AREA Area Installed						
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						



COMAL COUNTY

ENGINEER'S OFFICE

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

Permit Number: 112285
Issued This Date: 04/01/2021
This permit is hereby given to: Stuart J. Gilfillan

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

950 COUNTRY PIKE
CANYON LAKE, TX 78133

Subdivision: Tranquility Park
Unit: 2
Lot: 16
Block: n/a
Acreage: 5.0000

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.

REVISED

2:42 pm, Mar 24, 2021

**COMAL COUNTY**
ENGINEER'S OFFICE**OSSF DEVELOPMENT APPLICATION
CHECKLIST**

Staff will complete shaded items

--	--

Date Received

Initials

--

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 - See Attached Fee Schedule
- ☒ 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

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 Applicant12th March 2021

Date

___ COMPLETE APPLICATION	
Check No. _____	Receipt No. _____

INCOMPLETE APPLICATION
___ (Missing Items Circled, Application Refused)

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

REVISED

8:54 am, Apr 01, 2021

Date 3/9/2021

Permit # _____

Owner Name Stuart J. Gilfillan
Mailing Address 3436 Magnolia Shores Lane
City, State, Zip Pearland, TX 77584
Phone # 504-234-1066
Email aleta@magantransport.com

Agent Name Doug Dowlearn
Agent Address 703 Oak Drive
City, State, Zip Blanco, TX 78606
Phone # 210-240-2101
Email txseptic@gmail.com

All correspondence should be sent to: ☐ Owner ☐ Agent ☒ Both Method: ☐ Mail ☒ Email

Subdivision Name Tranquility Park Unit 2 Lot 16 Block _____

Acreage/Legal _____

Street Name/Address 950 Country Pike City Canyon Lake Zip 78133

Type of Development:

☒ Single Family Residential

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

Number of Bedrooms 3

Indicate Sq Ft of Living Area 2642

☒ Non-Single Family Residential

(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 Garage w/ Short-Term Rental (1 Bed - 60 gpd)

Estimated Cost of Construction: \$ 30,000 (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

By signing this application, I certify that:

- The completed application and all additional information submitted does not contain any false information and does not conceal any material facts. I certify that I am the property owner or I possess the appropriate land rights necessary to make the permitted improvements on said property.
- 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 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.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

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

REVISED

8:54 am, Apr 01, 2021

Planning Materials & Site Evaluation as Required Completed By Doug Dowlearn R.S.

System Description Aerobic w/ Spray Irrigation

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

Tank Size(s) (Gallons) 800 Absorption/Application Area (Sq Ft) 5625

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 ☒ No

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

Is there an existing TCEQ approved WPAP for the property? ☐ Yes ☒ No

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

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

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

Is the property located over the Edwards Contributing Zone? ☒ Yes ☐ No

Is there an existing TCEQ approval CZP for the property? ☐ Yes ☒ No

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

If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP? ☐ Yes ☒ No

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

Is this property within an incorporated city? ☐ Yes ☒ No

If yes, indicate the city: _____

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.



Signature of Designer

3/12/2021

Date

Page 2 of 2



202106014371 03/19/2021 01:23:58 PM 1/1

REVISED

2:43 pm, Mar 24, 2021

HAYS
COUNTY OF COMAL
STATE OF TEXAS**AFFIDAVIT TO THE PUBLIC****CERTIFICATION OF OSSF REQUIRING MAINTENANCE**

According to Texas Commission on Environmental Quality (TCEQ) Rules for On-Site Sewage Facilities (OSSFs), 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, give 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 owners 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):

Tranquility Park lot 16 and 17

The property is owned by (Insert owner's full name):

STUART JAMES GILFILLAN

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 OSSF may be obtained from **Comal County Engineer's Office**.

WITNESS BY HAND(S) ON THIS 19 DAY OF March 2021

Owner(s) signature(s)

(PRINTED NAME)

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 19 DAY OF March 2021

Notary Public, State of Texas

Notary's Printed Name: Ernesto E. Soto Morales

My Commission Expires: JANUARY 23, 2023



Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
03/19/2021 01:23:58 PM
CASHFOUR 1 Page(s)
202106014371



Bobbie Koepf

WASTEWATER TREATMENT FACILITY MONITORING AGREEMENT

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

Permit/License Number _____
Customer Stuart J. Gilfillan
Site Address 950 Country Pike
City Canyon Lake **Zip** 78133
Mailing Address 3436 Magnolia Shores Ln Pearland, TX 77584
County Comal **Map #** _____
Phone 504-234-1066
Email aleta@magantransport.com

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

II. Effective Date:

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

III. Termination of Agreement:

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

IV. Services:

Contractor will:

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

V. Disinfection:

SC

RC



Customer's Initials

Contractor's Initials

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

VI. Electronic Monitoring:

Electronic Monitoring is not included in this Agreement.

VII. Performance of Agreement:

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

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

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

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

VIII. Customer's Responsibilities:

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

a. Provide all necessary yard or lawn maintenance and removal of all obstacles, including but not limited to dogs and other animals, vehicles, trees, brush, trash, or debris, as needed to allow the OSSF to function properly, and to allow Contractor safe and easy access to all parts of the OSSF.

b. Protect equipment from physical damage including but not limited to that damage caused by insects.

c. Maintain a current license to operate, and abide by the conditions and limitations of that license, and all requirements for and OSSF from the State and/or local regulatory agency, whichever requirements are more stringent, as well as the proprietary system's manufacturer recommendations.

d. Notify Contactor immediately of any and all alarms, and/or any and all problems with, including failure of, the OSSF.

e. Provide, upon request by Contractor, water usage records for the OSSF so that the Contractor can perform a proper evaluation of the performance of the OSSF.

f. Allow for samples at both the inlet and outlet of the OSSF to be obtained by Contractor for the purpose of evaluating the OSSF's performance. If these samples are taken to a laboratory for testing, with the exception of the service provided under Section IV (d) above, Customer agrees to pay Contractor for the sample collection and transportation, portal to portal, at a rate of \$35.00 per hour, plus the associated fees for laboratory testing.

g. Prevent the backwash or flushing of water treatment or conditioning equipment from entering the OSSF.

h. Prevent the condensation from air conditioning or refrigeration units, or the drains of icemakers, from hydraulically overloading the aerobic treatment units. Drain lines may discharge into the surface application pump tank if approved by system designer.

i. Provide for pumping and cleaning of tanks and treatment units, when and as recommended by Contactor, at Customer's expense.

j. Maintain site drainage to prevent adverse effects on the OSSF.

k. Pay promptly and fully, all Contractor's fees, bills, or invoices as described herein.

IX. Access by Contractor:

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

X. Limit of Liability:

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

XI. Indemnification:

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

84

Customer's Initials



RC

Contractor's Initials

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

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

XII. Severability:

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

XIII. Fee for Services:

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

XIV. Payment:

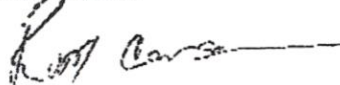
Full payment is due upon execution of this Agreement (Required of new Customer). For any other service(s) or repair(s) provided by Contractor the Customer shall pay the invoice(s) for said service(s) or repair(s) within thirty (30) days of the invoice date. The Contractor shall mail all invoices on the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

XV. Application or Transfer of payment:

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

XVI. Entire Agreement:

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


Rudy Carson

Block Creek Aerobic Services, LLC,
Contractor
MP# 0002036

Customer Signature

Date



RC



Customer's Initials

Contractor's Initials

OSSF SOIL EVALUATION REPORT INFORMATION

REVISED

8:54 am, Apr 01, 2021

Date: 3/19/2021**Applicant Information:****Name:** Stuart J. Gilfillan**Address:** 3436 Magnolia Shores Lane**City, State & Zip Code:** Pearland, TX 77584**Phone:** 504-234-1066**Fax:****Email:** aleta@magantransport.com**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**Property Location:****Lot:** 16 **Unit:** 2 **Subdivision:** Tranquility Park**Street/Road Address:** 950 Country Pike**City:** Canyon Lake**Zip:** 78133**Additional Info/Acres:** Comal County**Installer Information:****Name:****Company:****Address:****City, State & Zip:****Phone:** **Fax:**

Depth	Texture Class	Soil Texture	Structure (For Class III – blocky, platy or massive)	Drainage (Mottles/Water Table)	Restrictive Horizon	Observation
Soil Boring #1 60"	III	0-12" clay loam 12"+ limestone	Blocky	<30% Gravel	12+ Limestone	None
Soil Boring #2 60"		SAME AS ABOVE				
Same as above						

DESIGN SPECIFICATIONS

Application Rate (RA): 0.064

OSSF is designed for: 3 Bedroom (2642 sq. ft. – 300 GPD) & Garage w/ Short-Term Rental (1 bed – 60 GPD)

360 Gallons per day required

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

5625 sq. ft. disposal area required

800 gallon/day aerobic tank required

Calculations: Absorption Area: $Q/RA = 360 \text{ gpd} / 0.064 = 5625 \text{ ft. sq.}$

FEATURES OF SITE AREA

Presence of 100-year flood zone: No

Existing or proposed water well in nearby area: Yes

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.**Signature:****License No.** OS9902- Exp. 6/30/2023**TDH:** #2432- Exp. 2/28/2023

The installation site is on Lot 16 of the Tranquility Park 2 Subdivision in Comal County, TX. The proposed OSSF will treat the wastewater from a 3 bedroom (2642 sq. ft.) residence, along with a Garage w/ Short-Term Rental (1 Bed). The proposed method of wastewater treatment is aerobic treatment with spray 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 800 gpd aerobic treatment plant. The aerobic tank effluent flows to a 854 gallon storage/pump tank containing a liquid chlorinator and a single 20 gpm submersible pump. Distribution is through 2 K-Rain Gear Driven pop-up sprinklers, with low angle (13 degrees) spray nozzles spraying a radius of 34 feet at 40 psi. Each sprinkler will spray 360 degrees of arc. An audio and visual alarm monitoring both high water and aerator failure will be placed in a noticeable location.

DESIGN SPECIFICATIONS:

Daily Waste Flow: 360 gpd
Application rate: 0.064
Application area required: $360/.064 = 5625$ ft. sq.
Application area utilized: 7258 sq. ft.
Pump tank reserve capacity: 180 gal minimum



3/15/21

SYSTEM COMPONENTS:

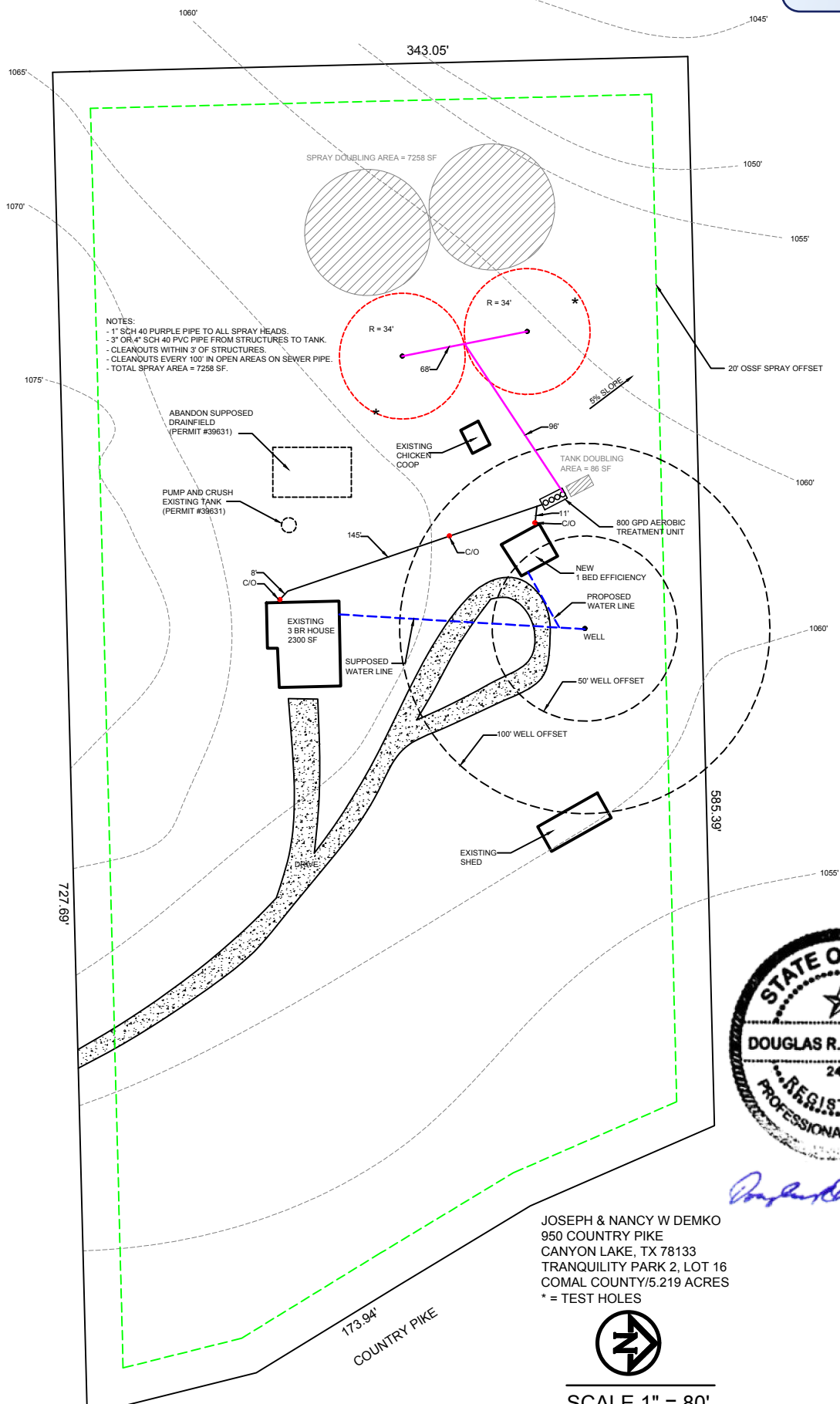
4" SCH 40 PVC sewer line
1" purple PVC supply line
800 gpd aerobic treatment plant with manual or timed controls
Liquid chlorinator
Pre-treatment tank and 854 gallon pump tank
2 K-Rain Gear Driven pop-up sprinklers

LANDSCAPING:

The native vegetation in the distribution area should consist of low level shrubs, plains grass, bluestem or bermuda. The entire area of the spray must maintain a ground cover after construction. In the event the natural cover is disturbed, a suitable ground cover must be installed on all excavated areas.

REVISED

8:54 am, Apr 01, 2021



REVISED

8:54 am, Apr 01, 2021

SPRAY DOUBLING AREA = 7258 SF

SCALE 1" = 40'

NOTES:

- 1" SCH 40 PURPLE PIPE TO ALL SPRAY HEADS.
- 3" OR 4" SCH 40 PVC PIPE FROM STRUCTURES TO TANK.
- CLEANOUTS WITHIN 3' OF STRUCTURES.
- CLEANOUTS EVERY 100' IN OPEN AREAS ON SEWER PIPE.
- TOTAL SPRAY AREA = 7258 SF.

ABANDON SUPPOSED
DRAINFIELD
(PERMIT #39631)

PUMP AND CRUSH
EXISTING TANK
(PERMIT #39631)

EXISTING
CHICKEN
COOP

TANK DOUBLING
AREA = 86 SF

800 GPD AEROBIC
TREATMENT UNIT

NEW
1 BED EFFICIENCY

PROPOSED
WATER LINE

WELL

50' WELL OFFSET

100' WELL OFFSET

EXISTING
SHED

DRIVE



Douglas R. Dowlearn

Assembly Details

OSSF

DIMENSIONS:

Outside Height: 67"
Outside Width: 75"
Outside Length: 164.5"

MINIMUM EXCAVATION DIMENSIONS:

Width: 87"
Length: 177"

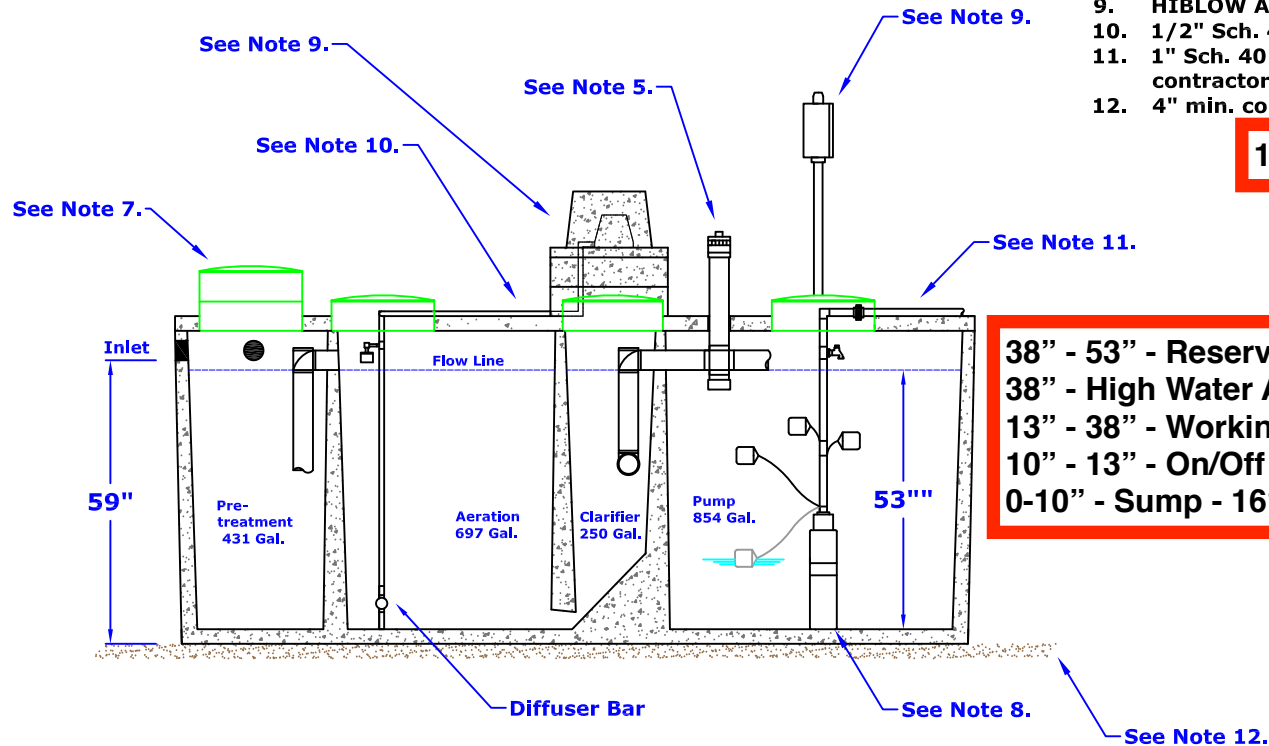
REVISED

2:42 pm, Mar 24, 2021

GENERAL NOTES:

1. Plant structure material to be precast concrete and steel.
2. Maximum burial depth is 30" from slab top to grade.
3. Weight = 16,700 lbs.
4. Treatment capacity is 800 GPD. Pump compartment set-up for a 420 GPD Flow Rate (5 bedroom, < 4,501 sq/ft living area). Please specify for additional set-up requirements. BOD Loading = 2.60 lbs. per day.
5. Standard tablet chlorinator or Optional Liquid chlorinator. NSF approved chlorinators (tablet & liquid) available.
6. Bio-Robix B-800 Control Center w/ Timer for night spray application. Optional Micro Dose (min/sec) timer available for drip applications. Electrical Requirement to be 115 Volts, 60 Hz, Single Phase, 30 AMP, Grounded Receptacle.
7. 20" Ø access riser w/ lid (Typical 4). Optional extension risers available.
8. 20 GPM 1/2 HP, high head effluent pump.
9. HIBLOW Air Compressor w/ concrete housing.
10. 1/2" Sch. 40 PVC Air Line (Max. 50 Lft from Plant).
11. 1" Sch. 40 PVC pipe to distribution system provided by contractor.
12. 4" min. compacted sand or gravel pad by Contractor

16.1 Gallons per Inch



38" - 53" - Reserve - 242 Gallons
38" - High Water Alarm
13" - 38" - Working Level set on demand - 403 Gallons
10" - 13" - On/Off Tether - 48 Gallons
0-10" - Sump - 161 Gallons

NuWater B-800
Aerobic Treatment Plant (Assembled)

Model: B-800

March, 2010
By: A.S.

Scale:
* All Dimensions subject to allowable specification tolerances.

Dwg. #: ADV-B800-2

Advantage
Wastewater Solutions llc

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

From: Ritzen, Brenda
To: ["aleta@magantransport.com"](mailto:aleta@magantransport.com)
Cc: ["Brady Dowlearn"](#)
Subject: Permit 112285
Date: Wednesday, March 24, 2021 4:23:00 PM
Attachments: [image001.png](#)

Re: Stuart J. Gilfillan
Tranquility Park Unit 2 Lot 16
Application for Permit for Authorization to Construct an On-Site Sewage Facility

Dear property owner & agent,

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

- ✓ 1. Submit a notarized Affidavit for single family use of both the 3 bedroom house and the 1 bedroom efficiency, or remove the 1 bedroom efficiency from single family use on the permit application, correct to non-single family use, and show the doubling for the treatment and disposal areas on the design.
- ✓ 2. Submit a breakdown of the gpd for the house and for the 1 bedroom efficiency.
- ✓ 3. The 2nd page of the permit application has the gpd at 440 but the design is for 400 gpd.
- 4. Revise as needed and resubmit.

Thank you,



Brenda Ritzen
Environmental Health Coordinator
195 David Jonas Dr.
New Braunfels, TX 78132
DR:OS00007722
830-608-2090
www.cceo.org

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

VOID

Date 3/9/2021

Permit # _____

Owner Name Stuart J. Gilfillan
Mailing Address 3436 Magnolia Shores Lane
City, State, Zip Pearland, TX 77584
Phone # 504-234-1066
Email aleta@magantransport.com

Agent Name Doug Dowlearn
Agent Address 703 Oak Drive
City, State, Zip Blanco, TX 78606
Phone # 210-240-2101
Email txseptic@gmail.com

All correspondence should be sent to: ☐ Owner ☐ Agent ☒ Both Method: ☐ Mail ☒ Email

Subdivision Name Tranquility Park Unit 2 Lot 16 Block _____

Acreage/Legal _____

Street Name/Address 950 Country Pike City Canyon Lake Zip 78133

Type of Development:

☒ Single Family Residential

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

Number of Bedrooms 3

Indicate Sq Ft of Living Area 2642

☒ Non-Single Family Residential

(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 Garage w/ 1 BR Efficiency - 100 GPD

VOID

Estimated Cost of Construction: \$ 30,000 (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

By signing this application, I certify that:

- The completed application and all additional information submitted does not contain any false information and does not conceal any material facts. I certify that I am the property owner or I possess the appropriate land rights necessary to make the permitted improvements on said property.
- 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 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.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Signature of Owner

Date

Page 1 of 2

*** COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH
APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AND
ON-SITE SEWAGE TREATMENT SYSTEMS AND LICENSE TO OPERATE

REVISED

2:41 pm, Mar 24, 2021

VOID

Date 3/9/2021

Permit # _____

Owner Name Stuart J. Gilfillan
Mailing Address 3436 Magnolia Shores Lane
City, State, Zip Pearland, TX 77584
Phone # 504-234-1066
Email aleta@magantransport.com

Agent Name Doug Dowlearn
Agent Address 703 Oak Drive
City, State, Zip Blanco, TX 78606
Phone # 210-240-2101
Email txseptic@gmail.com

All correspondence should be sent to: ☐ Owner ☐ Agent ☒ Both Method: ☐ Mail ☒ Email

Subdivision Name Tranquility Park Unit 2 Lot 16 Block _____

Acreage/Legal _____

Street Name/Address 950 Country Pike City Canyon Lake Zip 78133

Type of Development:

☒ Single Family Residential

Type of Construction (House, Mobile, RV, Etc.) House & Garage w/ Efficiency

Number of Bedrooms 3 & 1

Indicate Sq Ft of Living Area 2642 & 405

VOID

☐ Non-Single Family Residential

(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: \$ 30,000 (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

By signing this application, I certify that:

- The completed application and all additional information submitted does not contain any false information and does not conceal any material facts. I certify that I am the property owner or I possess the appropriate land rights necessary to make the permitted improvements on said property.
- 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 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.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Signature of Owner

Date

Page 1 of 2

VOID

REVISED

1:09 pm, Mar 25, 2021

Planning Materials & Site Evaluation as Required Completed By Doug Dowlearn R.S.

System Description Aerobic w/ Spray Irrigation

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

Tank Size(s) (Gallons) 800 Absorption/Application Area (Sq Ft) 6250

Gallons Per Day (As Per TCEQ Table III) 400 gpd

(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ.)

Is the property located over the Edwards Recharge Zone? ☐ Yes ☒ No

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

Is there an existing TCEQ approved WPAP for the property? ☐ Yes ☒ No

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

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

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

Is the property located over the Edwards Contributing Zone? ☒ Yes ☐ No

Is there an existing TCEQ approval CZP for the property? ☐ Yes ☒ No

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

If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP? ☐ Yes ☒ No

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

Is this property within an incorporated city? ☐ Yes ☒ No

If yes, indicate the city: _____

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.

- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.



Signature of Designer

3/12/2021

Date

Page 2 of 2

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

APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT

ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

VOID

REVISED

4:10 pm, Mar 24, 2021

Planning Materials & Site Evaluation as Required Completed By Doug Dowlearn R.S.

System Description Aerobic w/ Spray Irrigation

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

Tank Size(s) (Gallons) 800 Absorption/Application Area (Sq Ft) 6250

Gallons Per Day (As Per TCEQ Table III) 440 gpd

(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ.)

Is the property located over the Edwards Recharge Zone? ☐ Yes ☒ No

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

Is there an existing TCEQ approved WPAP for the property? ☐ Yes ☒ No

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

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

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

Is the property located over the Edwards Contributing Zone? ☒ Yes ☐ No

Is there an existing TCEQ approval CZP for the property? ☐ Yes ☒ No

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

If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP? ☐ Yes ☒ No

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

Is this property within an incorporated city? ☐ Yes ☒ No

If yes, indicate the city: _____

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.

- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.



Signature of Designer

3/12/2021

Date

Page 2 of 2

OSSF SOIL EVALUATION REPORT INFORMATION**REVISED**

1:11 pm, Mar 25, 2021

VOID**Date:** 3/19/2021**Applicant Information:****Name:** Stuart J. Gilfillan**Address:** 3436 Magnolia Shores Lane**City, State & Zip Code:** Pearland, TX 77584**Phone:** 504-234-1066**Fax:****Email:** aleta@magantransport.com**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**Property Location:****Lot:** 16 **Unit:** 2 **Subdivision:** Tranquility Park**Street/Road Address:** 950 Country Pike**City:** Canyon Lake **Zip:** 78133**Additional Info/Acres:** Comal County**Installer Information:****Name:****Company:****Address:****City, State & Zip:****Phone:** **Fax:**

Depth	Texture Class	Soil Texture	Structure (For Class III – blocky, platy or massive)	Drainage (Mottles/Water Table)	Restrictive Horizon	Observation
Soil Boring #1 60"	III	0-12" clay loam 12"+ limestone	Blocky	<30% Gravel	12+Limestone	None
Soil Boring #2 60"		SAME AS ABOVE				
Same as above						

DESIGN SPECIFICATIONS**VOID**

Application Rate (RA): 0.064

OSSF is designed for: 3 Bedroom (2642 sq. ft.) & Garage w/ 1 Bedroom Efficiency (100 GPD)

400 Gallons per day required

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

6250 sq. ft. disposal area required

800 gallon/day aerobic tank required

Calculations: Absorption Area: $Q/RA = 400 \text{ gpd} / 0.064 = 6250 \text{ ft. sq.}$ **FEATURES OF SITE AREA**

Presence of 100-year flood zone: No

Existing or proposed water well in nearby area: Yes

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.**Signature:****License No.** OS9902- Exp. 6/30/2023**TDH:** #2432- Exp. 2/28/2023

OSSF SOIL EVALUATION REPORT INFORMATION

VOID

REVISED

2:41 pm, Mar 24, 2021

Date: 3/19/2021

Applicant Information:

Name: Stuart J. Gilfillan

Address: 3436 Magnolia Shores Lane

City, State & Zip Code: Pearland, TX 77584

Phone: 504-234-1066

Fax:

Email: aleta@magantransport.com

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

Property Location:

Lot: 16 Unit: 2 Subdivision: Tranquility Park

Street/Road Address: 950 Country Pike

City: Canyon Lake Zip: 78133

Additional Info/Acres: Comal County

Installer Information:

Name:

Company:

Address:

City, State & Zip:

Phone: Fax:

Depth	Texture Class	Soil Texture	Structure (For Class III – blocky, platy or massive)	Drainage (Mottles/Water Table)	Restrictive Horizon	Observation
Soil Boring #1 60"	III	0-12" clay loam 12"+ limestone	Blocky	<30% Gravel	12+Limestone	None
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DESIGN SPECIFICATIONS

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6250 sq. ft. disposal area required

800 gallon/day aerobic tank required

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Presence of upper water shed: No

Organized sewage service available to lot: No

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Site Evaluator:

NAME: Douglas R. Dowlearn, R.S.

Signature:



License No. OS9902- Exp. 6/30/2023

TDH: #2432- Exp. 2/28/2023

VOID

REVISED

1:11 pm, Mar 25, 2021

SCALE 1" = 40'

NOTES:

- 1" SCH 40 PURPLE PIPE TO ALL SPRAY HEADS.
- 3" OR 4" SCH 40 PVC PIPE FROM STRUCTURES TO TANK.
- CLEANOUTS WITHIN 3' OF STRUCTURES.
- CLEANOUTS EVERY 100' IN OPEN AREAS ON SEWER PIPE.
- TOTAL SPRAY AREA = 7258 SF.

ABANDON SUPPOSED
DRAINFIELD
(PERMIT #39631)

PUMP AND CRUSH
EXISTING TANK
(PERMIT #39631)

EXISTING
CHICKEN
COOP

TANK DOUBLING
AREA = 86 SF

800 GPD AEROBIC
TREATMENT UNIT

NEW
1 BR EFFICIENCY

PROPOSED
WATER LINE

WELL

50' WELL OFFSET

100' WELL OFFSET

EXISTING
SHED

DRIVE

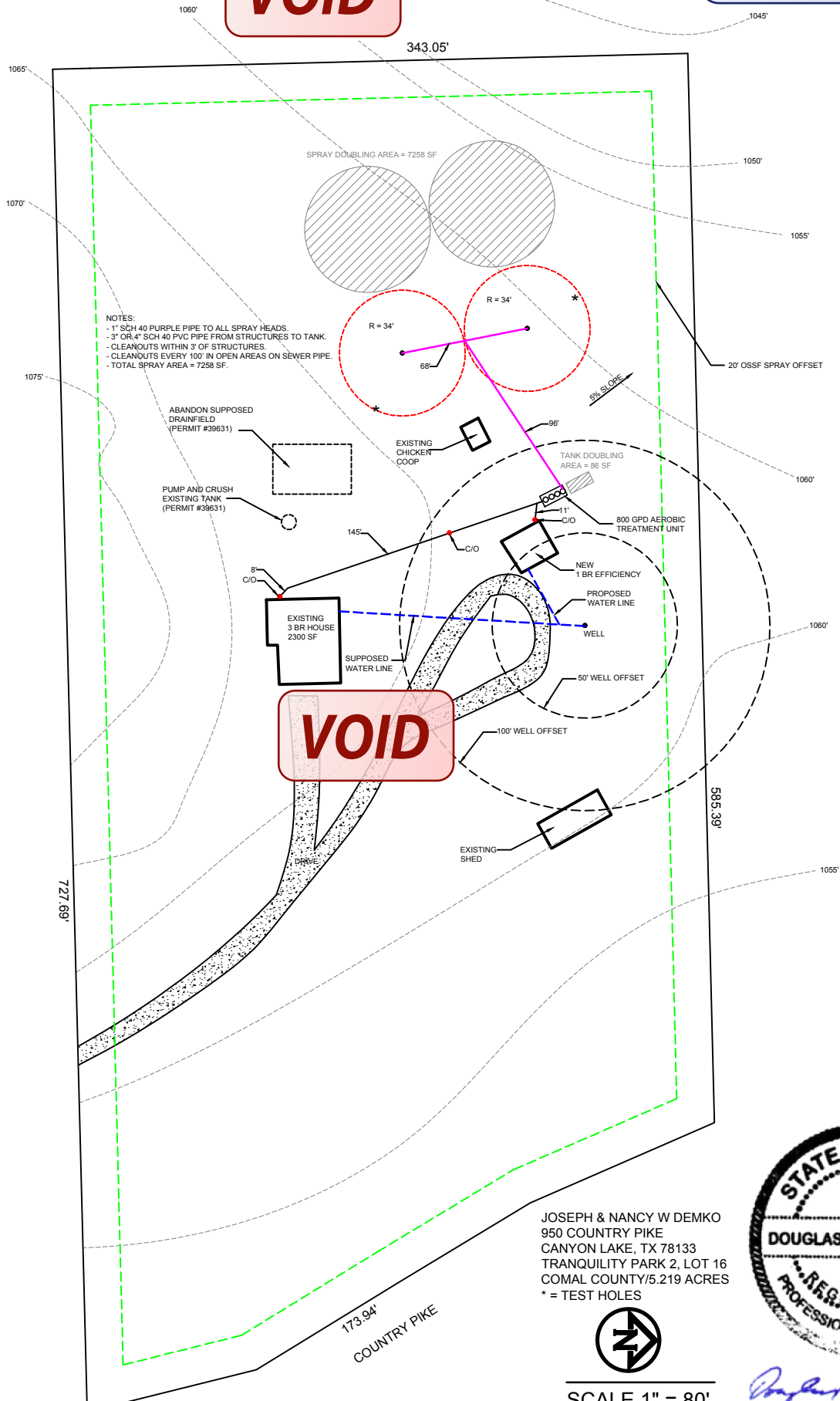


Douglas R. Dowlearn

REVISED

1:12 pm, Mar 25, 2021

VOID



JOSEPH & NANCY W DEMKO
950 COUNTRY PIKE
CANYON LAKE, TX 78133
TRANQUILITY PARK 2, LOT 16
COMAL COUNTY/5.219 ACRES
* = TEST HOLES



SCALE 1" = 80'

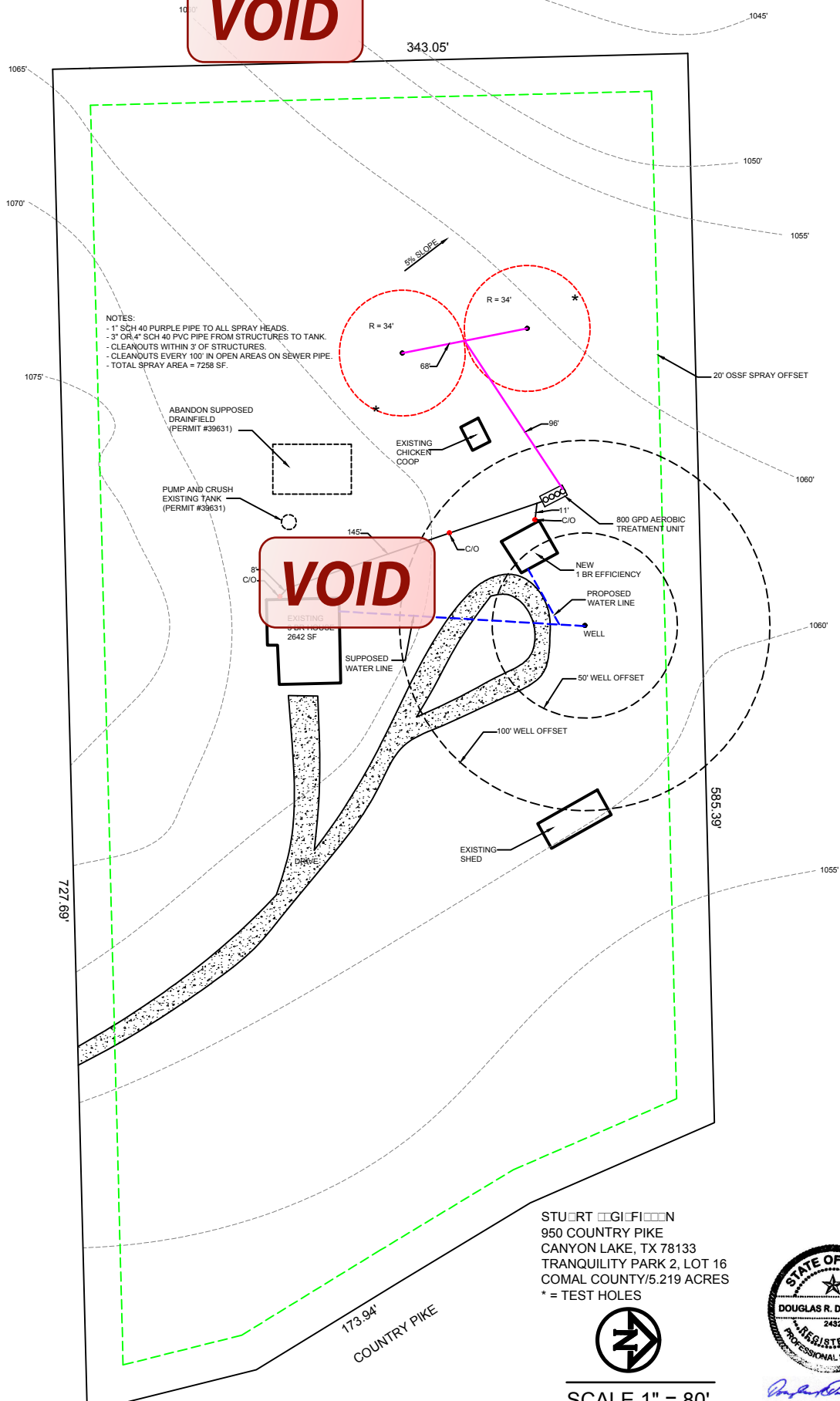


Douglas R. Dowlearn

REVISED

2:42 pm, Mar 24, 2021

VOID



STUART & GIFFORD
950 COUNTRY PIKE
CANYON LAKE, TX 78133
TRANQUILITY PARK 2, LOT 16
COMAL COUNTY/5.219 ACRES
* = TEST HOLES



SCALE 1" = 80'



Douglas R. Dowlearn



Douglas R. Dowlearn

VOID

REVISED

2:42 pm, Mar 24, 2021

SCALE 1" = 40'

NOTES:

- 1" SCH 40 PURPLE PIPE TO ALL SPRAY HEADS.
- 3" OR 4" SCH 40 PVC PIPE FROM STRUCTURES TO TANK.
- CLEANOUTS WITHIN 3' OF STRUCTURES.
- CLEANOUTS EVERY 100' IN OPEN AREAS ON SEWER PIPE.
- TOTAL SPRAY AREA = 7258 SF.

ABANDON SUPPOSED
DRAINFIELD
(PERMIT #39631)

PUMP AND CRUSH
EXISTING TANK
(PERMIT #39631)

VOID

EXISTING
CHICKEN
COOP

800 GPD AEROBIC
TREATMENT UNIT

NEW
1 BR EFFICIENCY

PROPOSED
WATER LINE

WELL

50' WELL OFFSET

100' WELL OFFSET

EXISTING
SHED

DRIVE

SUPPOSED
WATER LINE

EXISTING
3 BR HOUSE
2642 SF

8'
C/O

145'

C/O

11'
C/O

96'

68'

R = 34'

R = 34'

5% SLOPE

20' OSSF SPRAY OFFSET

The installation site is on Lot 16 of the Tranquility Park 2 Subdivision in Comal County, TX. The proposed OSSF will treat the wastewater from a 3 bedroom (2642 sq. ft.) residence, along with a 1 bedroom efficiency. The proposed method of wastewater treatment is aerobic treatment with spray 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 800 gpd aerobic treatment plant. The aerobic tank effluent flows to a 854 gallon storage/pump tank containing a liquid chlorinator and a single 20 gpm submersible pump. Distribution is through 2 K-Rain Gear Driven pop-up sprinklers, with low angle (13 degrees) spray nozzles spraying a radius of 34 feet at 40 psi. Each sprinkler will spray 360 degrees of arc. An audio and visual alarm monitoring both high water and aerator failure will be placed in a noticeable location.

DESIGN SPECIFICATIONS:

Daily Waste Flow: 400 gpd
Application rate: 0.064
Application area required: $400/.064 = 6250$ ft. sq.
Application area utilized: 7258 sq. ft.
Pump tank reserve capacity: 200 gal minimum

VOID



3/15/21

SYSTEM COMPONENTS:

4" SCH 40 PVC sewer line
1" purple PVC supply line
800 gpd aerobic treatment plant with manual or timed controls
Liquid chlorinator
Pre-treatment tank and 854 gallon pump tank
2 K-Rain Gear Driven pop-up sprinklers

LANDSCAPING:

The native vegetation in the distribution area should consist of low level shrubs, plains grass, bluestem or bermuda. The entire area of the spray must maintain a ground cover after construction. In the event the natural cover is disturbed, a suitable ground cover must be installed on all excavated areas.

ATC-NEW BRAUNFELS

202006033115 08/11/2020 09:16:15 AM 1/3

Alamo Title Co. GF# 4000142000683

NOTICE OF CONFIDENTIALITY RIGHTS. IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

GENERAL WARRANTY DEED WITH VENDOR'S LIEN

STATE OF TEXAS

COUNTY OF COMAL

§
§
§

KNOW ALL MEN BY THESE PRESENTS:

Date: August 10, 2020

Grantor: JOSEPH DEMKO and NANCY W. DEMKO, husband and wife

Grantor's Mailing Address:

244 FM 306, Ste. # 120-322
New Braunfels, Texas 78130
Comal County

Grantee: STUART JAMES GILFILLAN, a married person

Grantee's Mailing Address:

3436 Magnolia Shores Lane
Pearland, Texas 77584
_____ County

Consideration:

Cash and a note of even date executed by Grantee and payable to the order of GATEWAY MORTGAGE Goup, A DIVISION OF GATEWAY FIRST BANK, in the principal amount of THREE HUNDRED TWENTY-NINE THOUSAND and 00/100's DOLLARS (\$329,000.00) [the "Note"], which represents part payment of the purchase price of the Property. The Note is secured by a first and superior vendor's lien and superior title retained in this deed in favor of GATEWAY MORTGAGE Goup, A DIVISION OF GATEWAY FIRST BANK, and by a first-lien deed of trust of even date from Grantee to SCOTT GESELL, Trustee.

Property (including any improvements):

Lots 16 and 17, Tranquility Park Subdivision, Unit Two, Comal County, Texas, according to the map or plat thereof recorded in Volume 5, Page 385, Map or Plat Records of Comal County, Texas.

Reservations from Conveyance: None.

Exceptions to Conveyance and Warranty:

This conveyance is made and accepted subject to all validly existing conditions, restrictions, reservations, declarations, exceptions, easement grants, set-backs, assessments, maintenance and / or association charges and ordinances, affecting the property conveyed, if any, appearing in the public records; and all leases, grants, exceptions or reservations of coal, lignite, oil, gas and other minerals, together with all rights, privileges, and immunities relating thereto, appearing in the public records; and standby fees, taxes, and assessments by any taxing authority for the 2020 tax year, and subsequent taxes and assessments by any taxing authority for prior years due to change in land usage or ownership.

Grantee, by its acceptance hereof, agrees to be solely responsible for payment of all ad valorem taxes pertaining to the Property for the calendar year 2020 and subsequent years.

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.

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

GATEWAY MORTGAGE GOUP, A DIVISION OF GATEWAY FIRST BANK, at Grantee's request, has paid in cash to Grantor that portion of the purchase price of the Property that is evidenced by the Note. The first and superior vendor's lien against and superior title to the Property are retained for the benefit of GATEWAY MORTGAGE GOUP, A DIVISION OF GATEWAY FIRST BANK, and are transferred to GATEWAY MORTGAGE GOUP, A DIVISION OF GATEWAY FIRST BANK without recourse against Grantor.

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

[signature(s) on following page(s)]

Executed effective as of the date first set forth herein.

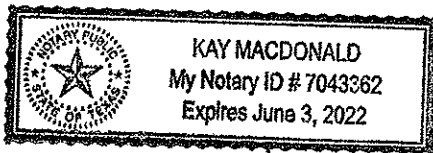
GRANTOR:

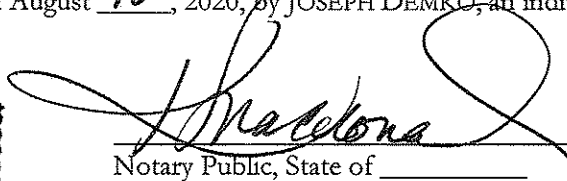

JOSEPH DEMKO

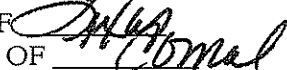

NANCY W. DEMKO

STATE OF  §
COUNTY OF Comal §

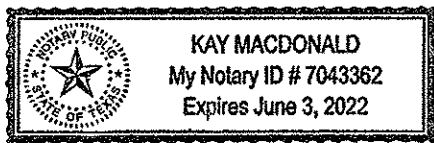
This instrument was acknowledged before me on August 10, 2020, by JOSEPH DEMKO, an individual.




Notary Public, State of _____

STATE OF  §
COUNTY OF Comal §

This instrument was acknowledged before me on August 10, 2020, by NANCY W. DEMKO, an individual.




Notary Public, State of _____

AFTER RECORDING RETURN TO:

STUART JAMES GILFILLAN

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
08/11/2020 09:16:15 AM
LAURA 3 Pages(s)
202006033115

After Recording Return to:
Alamo Title Company
494 South Seguin St., Ste 100
New Braunfels, TX 78130





RECEIVED

By KG at 8:30 am, Mar 23, 2021



COMAL COUNTY

ENGINEER'S OFFICE

VOID

**OSSF DEVELOPMENT APPLICATION
CHECKLIST**

Staff will complete shaded items

		112285
Date Received	Initials	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 - See Attached Fee Schedule
- ☒ 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

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

Agredo A. Gans
Signature of Applicant

3-19-2021
Date

___ COMPLETE APPLICATION

Check No. _____ Receipt No. _____

___ INCOMPLETE APPLICATION
(Missing Items Circled, Application Refused)

RECEIVED

By KG at 8:30 am, Mar 23, 2021

VOID

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

Date 3/17/2021Permit # 112285Owner Name Alfredo GarzaAgent Name Doug DowlearnMailing Address 8903 Silent WindAgent Address 703 Oak DriveCity, State, Zip San Antonio, TX 78250City, State, Zip Blanco, TX 78606

Phone # _____

Phone # 210-240-2101Email palmersc17@gmail.comEmail txseptic@gmail.comAll correspondence should be sent to: ☐ Owner ☐ Agent ☒ BothMethod: ☐ Mail ☒ EmailSubdivision Name Rancho Del Lago Phase 9

Unit _____

Lot 24

Block _____

Acreage/Legal _____

Street Name/Address 534 Persimmon PassCity FischerZip 78623**Type of Development:**☒ Single Family Residential

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

Number of Bedrooms 2Indicate Sq Ft of Living Area 1050☐ Non-Single Family Residential

(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: \$ 166,000 (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 WellAre Water Saving Devices Being Utilized Within the Residence? ☒ Yes ☐ No

By signing this application, I certify that:

- The completed application and all additional information submitted does not contain any false information and does not conceal any material facts. I certify that I am the property owner or I possess the appropriate land rights necessary to make the permitted improvements on said property.
- 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 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.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Alfredo G. Garza
 Signature of Owner

3-19-2021
 Date

Page 1 of 2

APPLICATION FOR PERMIT FOR AUTOMATIC VERTICALIZATION TO CONSTRUCT AN ON-SITE STORAGE AND LICENSE TO OPERATE

Revised July 2018

VOID



202106014372 03/19/2021 01:28:27 PM 1/1

**COUNTY OF COMAL
STATE OF TEXAS**

AFFIDAVIT TO THE PUBLIC

CERTIFICATION OF OSSF REQUIRING MAINTENANCE

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

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, give 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 owners to provide notice to the public that certain types of OSSFs are located on specific pieces of property. To achieve this notice, the commission requires a recorded affidavit. Additionally, the owner must provide proof of the recording to the OSSF permitting authority. This recorded affidavit is not a representation or warranty by the commission of the suitability of this OSSF, nor does it constitute any guarantee by the commission that the appropriate OSSF was installed.

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

RANCHO DEL LAGO PHASE 9, LOT 24
534 PERSIMMON PASS, FISCHER, TX 78623

The property is owned by (insert owner's full name):
ALFREDO ANTONIO GARZA

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 holder shall be transferred to the buyer or new owner. A copy of the planning materials for OSSF may be obtained from the County Engineer's Office.

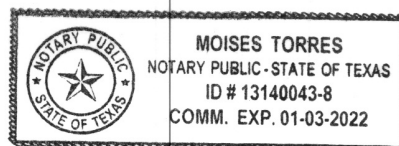
WITNESS BY HAND(S) ON THIS 19th DAY OF March, 2021

Alfredo A. Garza
Owner(s) signature(s)

Alfredo A. Garza
(PRINTED NAME)

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 19 DAY OF March, 2021

Moises Torres
Notary Public, State of Texas
Notary's Printed Name: Moises Torres
My Commission Expires: 01-03-2022



Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
03/19/2021 01:28:27 PM
TERRI 1 Page(s)
202106014372



Bobbie Koepp

VOID

L.B. / Kelmner

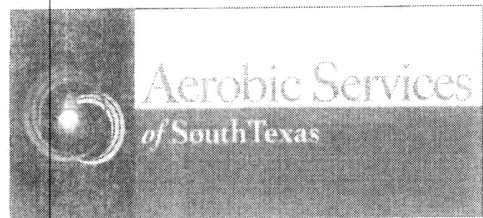
DAD

3/22/21

15188 FM 306

Canyon Lake, TX 78133

Phone (830) 964-2365 Fax (830) 964-2659



Routine Maintenance and Inspection Agreement

General

This Work for Hire Agreement (hereinafter referred to as this "Agreement") is entered into by and between Tony Barga (referred to as "Client") and Aerobic Services of South Texas (Thomas W. Hampton MP 349) (hereinafter referred to as "Contractor") located at 15188 FM 306, Texas 78133 (830) 964-2365. By this Agreement the Contractor agrees to render professional service, as described herein, and the Client agrees to fulfill the terms of this Agreement as described herein.

This contract will provide for all required inspections, testing and service for your Aerobic Treatment System. The policy will include the following:

1. 3 inspections a year/services calls (at least one every 4 months), for a total of 6 over the two year period including inspection, adjustment and servicing of the mechanical, electrical and other applicable component parts to ensure proper function. This includes inspecting control panel, air pumps, air filters, diffuser operation. Any alarm situation affecting the proper function of the Aerobic process will be address within a 48-hour time Frame. Repair work on non-warranty parts will include price for parts & labor. The prices will be quoted before work is performed.
2. An effluent quality inspection consisting of a visual check for color, turbidity, scum overflow and examination for odors. A test for chlorine residual and pH will be taken and reported as necessary.
3. If any improper operation is observed, which cannot be corrected at the time of the service visit, you will be notified immediately in writing of the conditions and estimated date of correction.
4. The customer is responsible for the chlorine tablets; they must be filled before or during the service visit.
5. Any additional visits, inspections or sample collection required by specific Municipalities, Water/River Authorities, and County Agencies the TCEQ or any other authorized regulatory agency in your jurisdiction will be covered by this policy.

The Homeowners Manual must be strictly followed or warranties are subject to invalidation. **Pumping of sludge build-up is not covered by this policy and will result in additional charges.**

ACCESS BY CONTRACTOR

The Contractor or anyone authorized by the Contractor may enter the property at reasonable times without prior notice for the purpose of the above described Services. The contractor may access the System components including the tanks by means of excavation for the purpose of evaluations if necessary. Soil Is to be replaced with the excavated material as best as possible.

Termination of Agreement

Either party may terminate this agreement within ten days written notice in the event of substantial failure to perform in accordance with its terms by the other party without fault of the terminating party. If this Agreement is so terminated, **the Contractor will immediately notify the appropriate health authority of the termination.**

VOID

Limit of Liability

In no event shall the Contractor be liable for indirect, consequential, incidental or punitive damages, whether in contract tort or any other theory. In no event shall the Contractor's liability for direct damages exceed the price for the services described in this Agreement.

Dispute Resolution

If a dispute between the Client and the Contractor arises that cannot be settled in good faith negotiations then the parties shall choose a mutually acceptable arbitrator and shall share the cost of the arbitration services equally.

Entire Agreement

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

Severability

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

OWNER

Tony Garga
Name
534 Persimmon Pass
Address
Fischer Tx. 78623
City, State
956-324-7774
Phone
Jeffrey Q. (Tony) Perry
Signature of Home Owner

SERVICE PROVIDER

Aerobic Services of South Texas Inc.
Name
15188 FM 306
Address
Canyon Lake, Texas 78133
City, State
(30) 964 - 2365
Phone
15B
OS24597/MP349
THAMPTON
Signature of Service Provider and License #

VOID

EFFECTIVE DATE _____ **EXPIRED DATE** _____ **INSTALLED** _____

Model # _____

Blower/Panel Serial # _____

The effective date of this initial maintenance contract shall be the date license to operate is issued.

OSSF SOIL EVALUATION REPORT INFORMATION

VOID

Date: 3/22/2021

Applicant Information:

Name: Alfredo Garza

Address: 8903 Silent Wind

City, State & Zip Code: San Antonio, TX 78250

Phone:

Email: palmersc17@gmail.com

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

Property Location:

Lot: 24 Block: Subdivision: Rancho Del Lago

Street/Road Address: 534 Persimmon Pass

City: Fisher Zip: 78623

Additional Info: Comal County

Installer Information:

Name:

Company:

Address:

City, State & Zip:

Phone:

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

DESIGN SPECIFICATIONS

Application Rate (RA): 0.064

OSSF is designed for: 2 BR (1050 Sq. ft.)

180 Gallons per day required

An aerobic treatment/spray disposal system is to be used on the site evaluation.

2826 sq. ft. disposal area required

600 gallon/day aerobic tank required

Calculations: Absorption Area: $Q/RA = 180/0.064 = 2813$ Sq. Ft.

VOID

FEATURES OF SITE AREA

Presence of 100-year flood zone: NO

Existing or proposed water well in nearby area: NO

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.

Signature:



License No. OS9902 – Exp. 6/30/2023

TDH: #2432 – Exp. 2/28/2023

VOID



1180'

600 GPD AEROBIC-
TREATMENT UNIT

A circular professional seal for Douglas R. Dowlarn, a Professional Engineer in the State of Texas. The seal is divided into three vertical sections by two dotted lines. The left section contains the text "STATE OF TEXAS" curved along the top and a five-pointed star in the center. The middle section contains the name "DOUGLAS R. DOWLARN" in bold, uppercase letters. The right section contains the text "REGISTERED PROFESSIONAL ENGINEER" curved along the right and bottom, with the registration number "2432" in the center.

Wm. Lloyd Garrison

3/17/21

The installation site is on Lot 24, Phase 9 of the Rancho Del Lago Subdivision in Comal County, TX. The proposed OSSF will treat the wastewater from a 2 Bedroom (1050 sq. ft.) residence. The proposed method of wastewater treatment is aerobic treatment with spray 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 aerobic tank effluent flows to a 768 gallon storage/pump tank containing a liquid chlorinator and a single 20 gpm submersible pump. Distribution is through 2 K-Rain Gear Driven pop-up sprinklers, with low angle (13 degrees) spray nozzles spraying a radius of 30 feet at 40 psi. Each sprinkler will spray 180 degrees of arc. An audio and visual alarm monitoring both high water and aerator failure will be placed in a noticeable location.

DESIGN SPECIFICATIONS:

Daily Waste Flow: 180 gpd
Application rate: 0.064
Application area required: $180/0.064 = 2813$ ft. sq.
Application area utilized: 2826 sq. ft.
Pump tank reserve capacity: 90 gal minimum

VOID



3/17/21

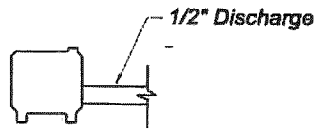
SYSTEM COMPONENTS:

4" SCH 40 PVC sewer line
1" purple PVC supply line
600 gpd aerobic treatment plant with manual or timed controls
Liquid chlorinator
2 K-Rain Gear Driven Pop-up Sprinkler
Pre-tank and 768 gallon pump tank

LANDSCAPING:

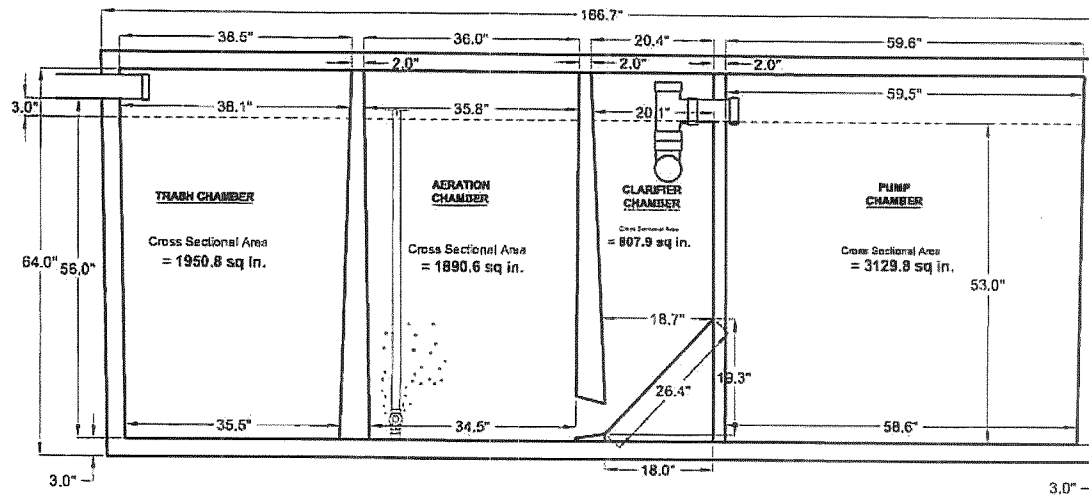
The native vegetation in the distribution area should consist of low level shrubs, plains grass, bluestem or bermuda. The entire area of the spray must be covered with a ground cover such as grass seed or sod prior to the final inspection. In the event the natural cover is disturbed, a suitable ground cover must be installed on all excavated areas.

VOID



BLOWER

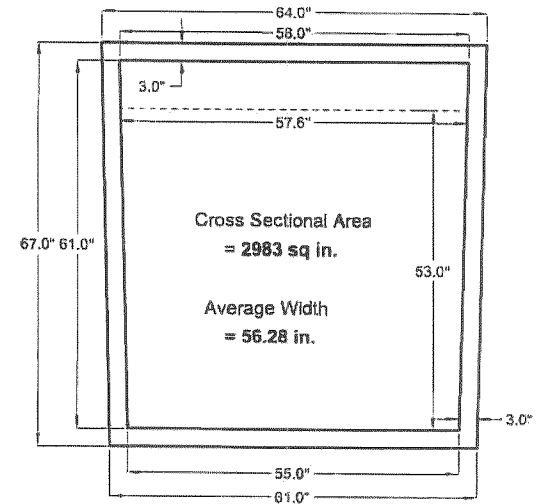
14.15 Gallons per inch



SIDE SECTION

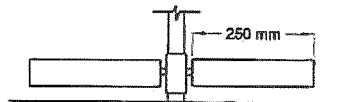
SCALE: 1" = 3/8"

VOID



END SECTION VIEW

SCALE: 1" = 3/8"



DIFFUSER DETAIL

2 - 250 mm
Max flow per diffuser
= 55 liters/minute

42" - 53" - Reserve - 156 Gallons
42" - Alarm
14" - 42" - Working Level - 396 Gallons
11" - 14" - On/Off Tether - 42 Gallons
0-11" - Sump - 156 Gallons

Title:

Model D-600-m
600 gallon per day Aerobic Treatment Unit

Company Name:

Aeris Aerobics

Date:

2-22-2015

3
TH



201606021369 05/26/2016 11:42:24 AM 1/3

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

FIVE STAR TITLE
GF# 068471 *ANA*

Warranty Deed with Vendor's Lien

Date: MAY 23, 2016

Grantor: PATRICIA GOMEZ, INDIVIDUALLY AND AS ATTORNEY-IN-FACT FOR IRWIN RAY GOMEZ

Grantor's Mailing Address:

150 Gomez Ln.
Seguin, Texas 78155
Guadalupe County

Grantee: ALFREDO A. GARZA, A MARRIED MAN

Grantee's Mailing Address:

8709 Casa Verde Road, Unit#D143
Laredo, Texas 78041
Webb County



Consideration:

Cash and a note of even date executed by Grantee and payable to the order of in the principal amount of NINE THOUSAND ONE HUNDRED TWENTY AND NO/100 DOLLARS (\$9,120.00). The note is secured by a first and superior vendor's lien and superior title retained in this deed in favor of SECURITY STATE BANK & TRUST and by a first-lien deed of trust of even date from GRANTEE to WILLIAM H. COWDEN, JR. Trustee.

Property (including any improvements):

BEING Lot 24, RANCHO DEL LAGO, PHASE NINE, situated in Comal County, Texas, according to the Map or Plat thereof recorded in/under Volume 7, Page 93, Map and Plat Records of Comal County, Texas.

Reservations from and exceptions to Conveyance and Warranty:

Validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded and validly existing instruments, other than conveyances of the surface fee estate,

VOID

that affect the Property; and taxes for 2016, which Grantee assumes and agrees to pay, and subsequent assessments for that and prior years due to change in land usage, ownership, or both, the payment of which Grantee assumes.

Grantor, for the consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

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

SECURITY STATE BANK & TRUST, at Grantee's request, has paid in cash to Grantor that portion of the purchase price of the Property that is evidenced by the note. The first and superior vendor's lien against and superior title to the Property are retained for the benefit of SECURITY STATE BANK & TRUST and are transferred to SECURITY STATE BANK & TRUST, without recourse against Grantor.

VOID

Irwin Ray Gomez
IRWIN RAY GOMEZ

BY: Patricia Gomez
PATRICIA GOMEZ, HIS ATTORNEY-
IN-FACT

Patricia Gomez
PATRICIA GOMEZ

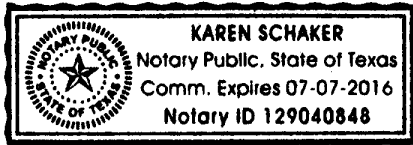
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ACKNOWLEDGMENT

STATE OF TEXAS
COUNTY OF GUADALUPE

§
§

This instrument was acknowledged before me on this 23 day of MAY, 2016 BY PATRICIA GOMEZ, INDIVIDUALLY AND AS ATTORNEY-IN-FACT FOR IRWIN RAY GOMEZ.



Karen Schaker
Notary Public, State of TEXAS
Karen Schaker
Printed Name of Notary Public

After recording, return to:

↙
FIVE STAR TITLE, LLC
304 N. Austin Street
Seguin, Texas 78155

VOID

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
05/26/2016 11:42:24 AM
CHRISTY 3 Page(s)
201606021369



Bobbie Koepp

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: MARCH 17, 2021 Installed: 11/17/2020 Service Expires: 11/17/2022

BILLING ADDRESS:
PAUL & MARIE MILLER
237 CAMPBELL DR
CANYON LAKE, TX 78133

PHYSICAL ADDRESS:
237 CAMPBELL DR
CANYON LAKE, TX 78133

TELEPHONE: 830-837-3238
ALT. PHONE:

LOT: LT 1,

PERMIT#: 111285
COUNTY: COMAL
SN: 20030219
MAPSCO: N/A

SUBDIVISION: WOODLANDS (THE) MFG: CLEARSTREAM-600

NOTES:

TYPE OF SYSTEM: SPRAY

Inspected Item:	Operational	Inoperative
Aerators		
SCFM/Compressors PSI (Record Pressure Reading)	3.0	
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		
Access Posts are Secured		

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

checked compressor

checked pump

checked floats

checked sprinklers

checked timer

SYSTEM OPERATING AS DESIGNED? Y/N

Yes

No

3. Tests required and results:

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

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

Maintenance Technician: Thomas

11

Date of completion: 3/5/21 Start Job Time: _____ Stop Job Time: _____

Maintenance Provider: Wadehickman

Block Creek Concrete Products, LLC
444 A Old Hwy No 9
Comfort, TX 78013

Phone: (830) 995-3189
Fax: (830) 995-4051

To: Home Owner
950 Country Pike
Canyon Lake, TX 78133

Printed: 8/27/2021
Site: 950 Country Pike
Canyon Lake, TX 78133

Permit #: **112285**

Agency: Comal County

County: Comal

Sub:

Mfg / Brand: Advantage Wastewater LLC - Nu Water

Treatment Type: Aerobic With Chlorine System S/N: 5991

Disposal: Surface Application

Customer ID: 7480

Contract Dates: 4/27/2021 - 4/27/2023

Scheduled Date: 8/27/2021

Inspection 1 of 6

Installed: 4/16/2021

Warranty End: 4/16/2023

GPS Coordinates - Latitude: 29.925156 Longitude: -98.254593

Service Type: Scheduled Inspection

☒ This counts as a type of "Scheduled Inspection"

Visit Date: **8/27/2021**

Time In: 03:53 PM

Out: 03:58 PM

Entered By: Alejandro Gonzalez

Method: **Grab**

Technician: Alex Seidensticker

Maint. Provider: Rudy Carson

Chlorine Residual: .1

☒ Problem
Indicated

Comments

☒ Service Completed

-unable to access property.

-no contact information.

-please contact the office to provide new customer information - Technician noted that there was a problem or issue with this Scheduled Inspection.

Insp ID #: 112954

Provider:

Rudy Carson

Technician: **Alex Seidensticker**

License #: MP0002036

License #: MP0001961

Expires: 9/30/2021



Block Creek Concrete Products, LLC
444 A Old Hwy No 9
Comfort, TX 78013

Phone: (830) 995-3189
Fax: (830) 995-4051

To: Home Owner
950 Country Pike
Canyon Lake, TX 78133

Printed: 12/21/2021
Site: 950 Country Pike
Canyon Lake, TX 78133

Permit #: **112285**

Customer ID: 7480

Agency: Comal County

Contract Dates: 4/27/2021 - 4/27/2023

County: Comal

Sub:

Scheduled Date: 12/27/2021

Inspection 2 of 6

Mfg / Brand: Advantage Wastewater LLC - Nu Water

Installed: 4/16/2021

Treatment Type: Aerobic With Chlorine System S/N: 5991

Warranty End: 4/16/2023

Disposal: Surface Application

GPS Coordinates - Latitude: 29.925156 Longitude: -98.254593

Service Type: Scheduled Inspection

☒ This counts as a type of "Scheduled Inspection"

Visit Date: 12/21/2021

Time In: 135

Out: 140

Entered By: Alejandro Gonzalez

Method: Grab

Technician: Alejandro Gonzalez

Maint. Provider: Rudy Carson

Chlorine Residual: N/A

Comments

no gate combination, no phone number

☒ Service Completed

Insp ID #: 118081

Provider: **Rudy Carson**

Technician: **Alejandro Gonzalez**

License #: MP0002036

License #: MP0002036

Expires:

Block Creek Concrete Products, LLC
444 A Old Hwy No 9
Comfort, TX 78013

Phone: (830) 995-3189
Fax: (830) 995-4051

To: Home Owner
950 Country Pike
Canyon Lake, TX 78133

Printed: 4/19/2022
Site: 950 Country Pike
Canyon Lake, TX 78133

Permit #: **112285**

Agency: Comal County

County: Comal

Mfg / Brand: Advantage Wastewater LLC - Nu Water

Treatment Type: Aerobic With Chlorine System S/N: 5991

Disposal: Surface Application

Customer ID: 7480

Contract Dates: 4/27/2021 - 4/27/2023

Scheduled Date: 4/27/2022

Inspection 3 of 6

Installed: 4/16/2021

Warranty End: 4/16/2023

GPS Coordinates - Latitude: 29.925156 Longitude: -98.254593

Service Type: Scheduled Inspection

☒ This counts as a type of "Scheduled Inspection"

Entered By: Ronnie W Krampota

Visit Date: 4/19/2022

Time In: 215pm

Out: 225pm

Method: Grab

Technician: Ronnie W Krampota

Maint. Provider: Rudy Carson

Chlorine Residual: n/a

Tank Lid / Riser: Declined

Comments

☒ **Service Completed**

- Customer Declined technician request to secure the tank lid. - Unable to inspect due to no gate access and no contact informatin - Please complete customer information sheet and return to office so we can better serve you in the future. Thanks

Insp ID #: 124176

Provider: **Rudy Carson**

Technician: Ronnie W Krampota

License Info: MP0002036 Expires:

License Info: MT0001175 Expires: 7/31/2023



Block Creek Aerobic Services, LLC
444 A Old Hwy No 9
Comfort, TX 78013

Phone: (830) 995-3189
Fax: (830) 995-4051

To: Home Owner
950 Country Pike
Canyon Lake, TX 78133

Printed: 8/18/2022
Insp ID #: 129326
Main Phone:
Work:
Cell Phone:
Alt Cell:

Permit #: 112285

Agency: Comal County
County: Comal

Mfg / Brand: Advantage Wastewater LLC - Nu Water
Treatment Type: Aerobic With Chlorine System S/N: 5991
Disposal: Surface Application

Customer ID: 7480

Contract Dates: 4/27/2021 - 4/27/2023

Scheduled Date: 8/27/2022

Inspection 4 of 6

Installed: 4/16/2021

Warranty End: 4/16/2023

GPS Coordinates: Latitude: 29.925156 Longitude: -98.254593

Service Type: Scheduled Inspection

Visit Date: 8/18/2022

Time In:

Out: 350

☒ This counts as a type of "Scheduled Inspection"
Entered By: Dalton James Vann

Method: Grab

Technician: Dalton James Vann

Maint. Provider: Rudy Carson

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .1

Floats: OP

Timer: OP

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Tank Lid / Riser: Declined

Alarm: Operational

Comments

- Customer Declined technician request to secure the tank lid. -No access to property, no gate code or cust info. Please call us to update your cust info

☒ Service Completed

Site: 950 Country Pike, Canyon Lake, TX 78133

Provider: Rudy Carson

Technician: Dalton James Vann

License Info: MP0002036 Expires:

License Info: MT0001113 Expires: 2/28/2025

Dalton James Vann
Rudy Carson

Block Creek Aerobic Services, LLC
444 A Old Hwy No 9
Comfort, TX 78013

Phone: (830) 995-3189
Fax: (830) 995-4051

To: Home Owner
950 Country Pike
Canyon Lake, TX 78133

Printed: 11/21/2022 Main Phone:
Insp ID #: 133865 Work:
Cell Phone:
Alt Cell:

Permit #: **112285**

Agency: Comal County

County: Comal

Mfg / Brand: Advantage Wastewater LLC - Nu Water

Treatment Type: Aerobic With Chlorine System S/N: 5991

Disposal: Surface Application

Customer ID: 7480

Contract Dates: 4/27/2021 - 4/27/2023

Scheduled Date: 12/27/2022

Inspection 5 of 6

Installed: 4/16/2021

Warranty End: 4/16/2023

GPS Coordinates: Latitude: 29.925156 Longitude: -98.254593

Service Type: Scheduled Inspection

Visit Date: **11/21/2022**

Time In: 105pm

Out: 115pm

☒ This counts as a type of "Scheduled Inspection"
Entered By: Ronnie W Krampota

Method: **Grab**

Technician: Ronnie W Krampota

Maint. Provider: Rudy Carson

Chlorine Residual: N/A

Floats: OP

Timer: OP

Tank Lid / Riser: Declined

Comments

- Customer Declined technician request to secure the tank lid. - Unable to inspect due to no gate access and no contact information -
Please complete customer information sheet and return to office or call us so we can better serve you in the future. Thanks

☒ **Service Completed**

Site: 950 Country Pike, Canyon Lake, TX 78133

Provider: *Rudy Carson*

Technician: Ronnie W Krampota

License Info: MP0002036 Expires: 11/30/2025

License Info: MT0001175 Expires: 7/31/2023

Block Creek Aerobic Services, LLC
444 A Old Hwy No 9
Comfort, TX 78013

Printed: 4/20/2023 Insp ID #: 139415

Phone: (830) 995-3189
Fax: (830) 995-4051

To: **Home Owner**
950 Country Pike
Canyon Lake, TX 78133

Permit #: **112285**

Main Phone:
Work:
Cell Phone:
Alt Cell:

Customer ID: 7480

Contract Dates: 4/27/2021 - 4/27/2023

Scheduled Date: 4/27/2023

Inspection 6 of 6

Installed: 4/16/2021

Warranty End: 4/16/2023

GPS Coordinates: Latitude: 29.925156 Longitude: -98.254593

Agency: Comal County
County: Comal

Mfg / Brand: Advantage Wastewater LLC - Nu Water
Treatment Type: Aerobic With Chlorine System S/N: 5991
Disposal: Surface Application

Service Type: Scheduled Inspection

Visit Date: 4/20/2023

Time In:

Out: 128

Method: Grab

Technician: Trenton L Soldan

Maint. Provider: Rudy Carson

☒ This counts as a type of "Scheduled Inspection"
Entered By: Trenton L Soldan

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .1

Sludge Levels

For Tank 1: 6"

For Tank 2: 0"

For Tank 3: 0"

Floats: OP

Timer: OP

Air Filter: Good

Turbidity: Good

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Tank Lid / Riser: Secured

Color: Good

Odor: Good

Alarm: Operational

Comments

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Cleaned compressor filter - Scum in pretreatment is 3".

☒ **Service Completed**

Site: 950 Country Pike, Canyon Lake, TX 78133

Provider: Rudy Carson

Technician: Trenton L Soldan

License Info: MP0002036 Expires: 11/30/2025

License Info: MT0002287 Expires: 3/31/2025

Block Creek Aerobic Services, LLC
444 A Old Hwy No 9
Comfort, TX 78013

Phone: (830) 995-3189
Fax: (830) 995-4051

To: Home Owner
950 Country Pike
Canyon Lake, TX 78133

Printed: 9/7/2023
Insp ID #: 144779

Main Phone:
Work:
Cell Phone:
Alt Cell:

Permit #: **112285**

Agency: Comal County
County: Comal

Customer ID: 7480

Contract Dates: 4/27/2021 - 4/27/2023

Scheduled Date:

Mfg / Brand: Advantage Wastewater LLC - Nu Water
Treatment Type: Aerobic With Chlorine System S/N: 5991
Disposal: Surface Application

Installed: 4/16/2021
Warranty End: 4/16/2023

GPS Coordinates: Latitude: 29.925156 Longitude: -98.254593

Service Type: Service call

Visit Date: 9/7/2023

Time In:

Out: 1240

Entered By: Dalton James Vann

Method: Grab

Technician: Dalton James Vann

Maint. Provider: Rudy Carson

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .4

Sludge Levels

For Tank 1: 20"

For Tank 2: 12"

For Tank 3: 1"

Floats: OP

Timer: OP

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Tank Lid / Riser: Secured

Alarm: Operational

Comments

- Technician Secured the Tank Lid and/or Riser prior to leaving location. -Yellow light on arrival, rebuilt AP 80 compressor. -Found sprinkler closest to system with broken T underneath. Dug up spray line and repaired.

☒ **Service Completed**

Site: 950 Country Pike, Canyon Lake, TX 78133

Provider:

Rudy Carson

Technician: *Dalton James Vann*

License Info: MP0002036 Expires: 11/30/2025

License Info: MT0001113 Expires: 2/28/2025

[Handwritten signatures]



WASTEWATER TREATMENT SYSTEM MAINTENANCE CONTRACT

Customer

Stuart & Aleta Gilfillan

Residential



Initial Contract



Site Address

950 Country Pike, Canyon Lake, TX 78133

Agency

Comal County

Email

stuart.gilfillan@speedcast.com

Phone

(281) 630-8226

Permit Number

112285

System Details

Treatment: Aerobic Surface Application Liquid Bleach / System: Block Creek Concrete Products, Inc. 800 Max GPD

AGREEMENT

I. General:

This work for hire agreement (hereinafter referred to as "Agreement") is entered into by and between the Client and Luna Environmental, LLC (hereinafter referred to as "Contractor"), located at 4222 FM 482 New Braunfels, Texas 78132. By this agreement, Contractor agrees to render services, as described herein, and Client agrees to fulfill his/her/their responsibilities under the agreement as described herein.

II. Dates & Fees:

This agreement provides maintenance from **3/12/2024** to **3/12/2025** for a total fee of **\$325.00**

III. Services by Contractor:

1. Inspect and perform routine maintenance on the On-Site Sewage Facility ("OSSF") in compliance with code, regulations, and/or rules of the Texas Commission on Environmental Quality ("TCEQ") and county in which the OSSF is located and the manufacturer's requirements, at a frequency of approximately once every four (4) months.
2. Inspection, adjustment, and servicing of the mechanical, electrical, and other components to ensure proper functioning. This includes inspecting control panels, air pumps, air filters, diffusers, floats, and spray heads.
3. Effluent Inspection will include the following: effluent quality (color, turbidity, overflow, and odor), testing effluent chlorine and pH levels, when necessary, alarm function, filters, operation of effluent pump and chlorinator. Unless otherwise agreed to, Contractor does not provide chlorine. BOD and TSS annually on commercial accounts, additional charges apply.
4. Notify Client of any repairs needed to keep OSSF in proper working condition and up to regulatory standards. Items under warranty may be repaired while the technician is on-site. Additional charges may apply for labor and service calls. Repair quotes of non-warranty items must be approved by Client before work is performed.
5. Report to the appropriate regulatory authority and to Client, as required by the State of Texas' on-site rules and, if required, TCEQ or County rules. All findings must be reported to the appropriate regulatory authority within 14 days.
6. Visit site within 48 hours of a service request.
7. Provide Customer Support line at 855-560-9909.

IV. Client Responsibilities:

1. Maintain Chlorinator and proper chlorine supply, unless otherwise specified.
2. Provide all necessary lawn or yard maintenance and remove all obstructions, including dogs and other animals as needed to allow the OSSF to function properly and the Contractor easy and safe access to all parts of
3. Immediately notify Contractor of any alarms or system problems.
4. Have tanks pumped out as directed by manufacturer, typically every 3 years.
5. Be available by text, phone, or in person when the Contractor is on site in case of required repair approvals or questions.
6. Maintain site drainage to prevent adverse effects on OSSF.
7. Promptly pay Contractor's bills, fees, and invoices in full.

V. Access By Contractor:

Access By Contractor: The contractor or anyone authorized by the contractor may enter the property at reasonable times without prior notice for the purpose of repairs and services described herein.

VI. Termination of This Agreement:

Either party may terminate this agreement with 30 days' written notice in the event of the other party's substantive failure to perform in accordance with this agreement without fault of the terminating party. If this agreement is terminated, the Contractor will notify the appropriate regulatory authority.

VII. Limitation of Liability:

In no event shall the Contractor be liable for indirect, consequential, incidental, or punitive damages, whether in contract, tort, or any other theory of liability. In no event shall the Contractor's liability for the direct damages exceed payments by the Client under this agreement.

VIII. Payment Terms:

The fee for this agreement only covers the services described herein. This fee does not cover equipment or labor for non-warranty repairs, labor for warranty repairs, or service charges resulting from unscheduled, Client requested trips to the Client's OSSF. Payments not received within 30 days from the date of invoicing will be subject to a \$30.00 late penalty and or a 1.5% monthly carrying charge, whichever is greater. By signing this contract, the Client authorizes the Contractor to remove any parts which were installed but not paid for at the end of 30 days. The Client is still responsible for any labor costs associated with the installation and removal of said parts. All invoices are due upon receipt by Client.

IX. Severability:

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

Stuart & Aleta Gilfillan

DocuSigned by: Customer Name

Stuart & Aleta Gilfillan

GA02A2676D9B498...

Customer Signature

Luna Environmental / Ryan Seidensticker

Maintenance Provider Name

Ryan Seidensticker

License # MP0001708

Maintenance Provider Signature

Additional Comments / Special Terms