



Comal County

OFFICE OF COMAL COUNTY ENGINEER

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: **08/22/2019** Permit Number: **108374**

Location Description: **1213 CLOVE HITCH
NEW BRAUNFELS, TX 78132**
Subdivision: **Vintage Oaks at the Vineyard**
Unit: **17**
Lot: **1660**
Block:
Acreage:

Type of System: **Aerobic
Surface Irrigation**

Issued to: **Scott & Carole Tiefenhaler**

This license is authorization for the owner to operate and maintain a private facility at the location described in accordance to the rules and regulations for on-site sewerage facilities of Comal County, Texas, and the Texas Commission on Environmental Quality.

The license grants permission to operate the facility. It does not guarantee successful operation. It is the responsibility of the owner to maintain and operate the facility in a satisfactory manner.

Alterations to this permit including, but not limited to:

- Increase in the square feet of living area
- Increase in the number of bedrooms
- A change of use (i.e. residential to commercial)
- Relocation of system components (including the relocation of spray heads)
- Installation of landscaping
- Adding new structures to the system

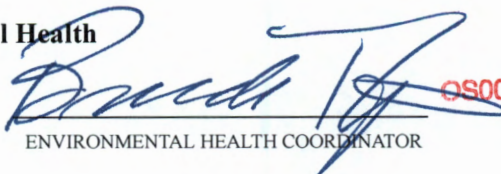
may require a new permit. **It is the responsibility of the owner to apply for a new permit, if applicable.**

Inspection and licensing of a facility indicates only that the facility meets certain minimum requirements. It does not impede any governmental entity in taking the proper steps to prevent or control pollution, to abate nuisance, or to protect the public health.

This license to operate is valid for an indefinite period. The holder may transfer it to a succeeding owner, provided the facility has not been remodeled and is functioning properly.

Licensing Authority
Comal County Environmental Health


OS8497
ENVIRONMENTAL HEALTH INSPECTOR


OS0007722
ENVIRONMENTAL HEALTH COORDINATOR

Final

Comal County Environmental Health OSSF Inspection Sheet

Installer Name: STWW/Ron Graham OSSF Installer #: _____

1st Inspection Date: 6/26/19 2nd Inspection Date: _____ 3rd Inspection Date: Mike T.

Inspector Name: Mike T. Inspector Name: _____ Inspector Name: 08-22-19

Permit#: 108374 Address: Vintage Oaks/1213 Clove Hitch Dr.

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)		6/26/19		08-22-19
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)(iii) 285.32(b)(1)(E)(i) 285.32(b)(1)(E)(ii)(i)				
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

MT- 6/26/19
Tanks set only, leveled

08-22-19 BMO
Operational ✓
Covered ✓

**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	<input checked="" type="checkbox"/>	285.38(d) 285.38(e)				
12	SEPTIC TANK Tank Volume Installed	<input checked="" type="checkbox"/>		500 gal. Single 6/26/19			
13	PUMP TANK Volume Installed	<input checked="" type="checkbox"/>		500 gal. Single 6/26/19			
14	AEROBIC TREATMENT UNIT Size Installed	<input checked="" type="checkbox"/>		750 6/26/19			08-22 19
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	<input checked="" type="checkbox"/>		Jett			/
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)(4) 285.33(a)(1) 285.33(a)(2)				

**Comal County Environmental Health
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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)				

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OSSF Inspection Sheet**

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	<p>EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling</p> <p>EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0%</p> <p>EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field (1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom)</p> <p>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</p> <p>EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes (3/16 - 1/4" dia. Hole Size) 5 ft. Apart</p>		<p>285.33(b)(3)(A)</p> <p>285.33(b)(3)(A)</p> <p>285.33(b)(3)(B)</p> <p>285.91(13)</p> <p>285.33(b)(3)(D)</p> <p>285.33(b)(3)(F)</p>				
32	AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.	✓	285.32(c)(1)		6/26/19		08-20 19
33	AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided						
34	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	✓					
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44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						

Comal County Environmental Health OSSF Inspection Sheet

Installer Name: STWW/Don Graham OSSF Installer #: _____

1st Inspection Date: 6/26/19 2nd Inspection Date: _____ 3rd Inspection Date: _____

Inspector Name: Mike T. Inspector Name: _____ Inspector Name: _____

Permit#: 108374 Address: Vintage Oaks/1213 Clove Hitch Dr.

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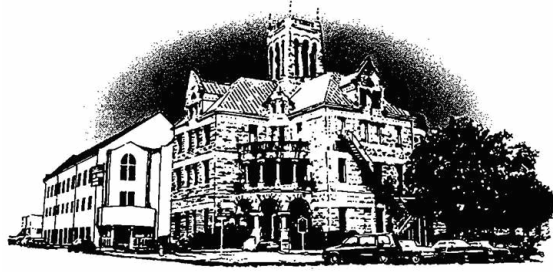
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Comal County

OFFICE OF COMAL COUNTY ENGINEER

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

Permit Number: 108374
Issued This Date: 11/28/2018
This permit is hereby given to: Scott & Carole Tiefenhaler

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

1213 CLOVE HITCH
NEW BRAUNFELS, TX 78132

Subdivision: Vintage Oaks at the Vineyard
Unit: 17
Lot: 1660
Block:
Acreage:

APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Aerobic
Surface Irrigation

This permit gives permission for the construction of the above referenced on-site facility to commence. Installation must be completed by an installer holding a valid registration card from the Texas Commission on Environmental Quality (TCEQ). Installation and inspection must comply with current TCEQ and Comal County requirements.

Call (830) 608-2090 to schedule inspections.

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

Date _____

Permit # 108374

Owner Name Scott & Carole Tiefenhaler

Agent Name South Texas Wastewater Trmt.

Mailing Address 1807 Pebble Hill Ct

Agent Address PO Box 1284

City, State, Zip Sugar Land TX 77478

City, State, Zip Boerne TX 78006

✓ Phone # 281-415-0427

Phone # 830 249 8098

✓ Email tief56@aol.com

Email bonnie@stwastewater.com

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

Subdivision Name Vintage Oaks @ the Vineyard Unit 17 Lot 1660 Block _____

Acreage/Legal _____

Street Name/Address 1213 Clove Hitch City New Braunfels Zip 78132

Type of Development:

Single Family Residential

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

Number of Bedrooms 3

Indicate Sq Ft of Living Area 3050

RECEIVED

NOV 16 2018

Commercial or Institutional Facility

(Planning materials must show adequate land area for doubling the required land needed for treatment unit **COUNTY ENGINEER**)

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: \$ 560,000 (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.
- 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]
Signature of Owner

✓ 11/12/18
Date

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

Planning Materials & Site Evaluation as Required Completed By Ronald R Graham, South Texas Wastewater Trmt.

System Description Aerobic Spray

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

Tank Size(s) (Gallons) 750/550 Absorption/Application Area (Sq Ft) 5591

Gallons Per Day (As Per TCEQ Table III) 300

(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]
Signature of Designer

10/20/18
Date

Page 2 of 2



South Texas Wastewater Treatment

PO Box 1284
Boerne, TX 78006
830-249-8098

I, Ronald R. Graham have reviewed the WPAP# 13000039 for this location and certify that this design meets all of the requirements of the Texas Commission of Environmental Quality OSSF regulations, all provisions of the existing WPAP and the orders of Comal County.

A handwritten signature in blue ink, appearing to read 'Ronald R. Graham', written over a horizontal line.

Ronald R. Graham, RS 3741

+
1/CB
AFFIDAVIT TO THE PUBLIC
THE COUNTY OF COMAL
STATE OF TEXAS



CERTIFICATION OF OSSF REQUIRING MAINTENANCE

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

I

The Texas Health and Safety Code, Chapter 366 authorizes the Texas Commission on Environmental Quality (commission) to regulate on-site sewage facilities (OSSF's). Additionally, the Texas Water Code (TWC), §5.012 and §5.013, gives the commission primary responsibility for implementing the laws of the State of Texas relating to water and adopting rules necessary to carry out its powers and duties under the TWC. The commission, under the authority of the TWC and the Texas Health and Safety Code, requires owner's to provide notice to the public that certain types of OSSF's 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 TCEQ 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:

Lot 1660
Vintage Oaks @ the Vineyard 17
Comal County, Texas

The property is owned by: Scott Tiefenthaler & Carole Tiefenthaler

This OSSF must be covered by a continuous maintenance contract. All maintenance on this OSSF must be performed by an approved maintenance company, and a signed maintenance contract must be submitted to Comal County within 30 days after the property has been transferred. The Owner will, upon any sale or transfer to the above-described property, request a transfer of the permit for the OSSF to the buyer or new owner. A copy of the planning materials for the OSSF can be obtained from Comal County.

WITNESSED BY HAND(S) on this 12 day of November, 2018.

Scott Tiefenthaler, owner

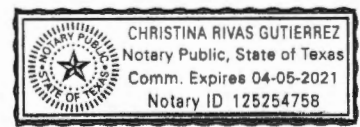
Carole Tiefenthaler, owner

SWORN TO AND SUBSCRIBED BEFORE ME on this 12 day of November, 2018

Signature of Notary Public

My Commission Expires: April 5, 2021

Please have this Affidavit Notarized and recorded at the Comal County office responsible for land records and return a stamped copy to South Texas Wastewater Treatment, Inc., PO Box 1284, Boerne, TX 78006



Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
11/16/2018 11:27:46 AM
LAURA 1 Page(s)
201806044545

Bobbie Koepf

THE SYSTEM OUT OF COMPLIANCE AND WOULD CAUSE THE PROPERTY OWNER ADDITIONAL EXPENSES TO BRING THE SYSTEM BACK INTO COMPLIANCE.

- B. Provide all necessary yard or lawn maintenance and the 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.
- C. Protect equipment from physical damage including but not limited to that damage caused by insects.
- D. Maintain a current license to operate, and abide by the conditions and limitations of that license, and all requirements for an on-site sewage facility (OSSF) from the State and/or local regulatory agency, whichever are more stringent, as well as proprietary system's
- E. Notify Contractor immediately of any and all alarms, and/or any and all problems with, including failure of, the OSSF.
- F. Provide, upon request by Contractor, water usage records for evaluation by Contractor as to the performance of the OSSF.
- G. 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. Sub-section D above, Customer agrees to pay Contractor for sample collection and transportation, portal to portal, at a rate of \$65.00 per hour plus the associated fees for laboratory testing.
- H. Prevent the backwash or flushing of water treatment of conditioning equipment from entering the OSSF.
- I. Prevent the condensate 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.
- J. Provide for pumping and cleaning of tanks and treatment units, when and as recommended by Contractor, at Customer's expense.
- K. Maintain site drainage to prevent adverse effects on the OSSF.
- L. Pay promptly and fully, all Contractor's fees, bills, or invoices as described herein.

X. **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. **IF SPECIAL ARRANGEMENTS ARE REQUESTED (any advance or prior notice or contacting of owner/resident in order to enter property to perform routine service visit, (locked gates, biting dogs, appointment to enter, to call on the way, etc.) or if any part of the system is located behind a locked door (garage, etc.) -THERE IS AN ADDITIONAL CHARGE.** 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 proprietary system manufacturer. If not an initial agreement (new installation) and this access is not in place or provided for by the customer, the costs for the labor of excavation, and possibly other labor and materials costs, will be required. These costs shall be billed to Customer as an additional service at a rate of \$85.00 per hour, plus materials at list price. Excavated soil shall be replaced as best as Contractor can at the time such service is performed and under no circumstances is Contractor responsible for damages to sod, grass, roots, landscaping, or any unmarked underground items (telephone, television, or electric cables, water air or gas lines, etc.), or for the uneven settling of the soil.

XI. **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.

XII. **Severability:** If any provision of this "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 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.

XIII. **Fee for Services:** The fee for the basic Services described in this Agreement is _____. This fee does not include any equipment, materials, or labor necessary for non-warranty repairs or for **unscheduled, Customer requested visits to the site which will incur a service call fee of \$85.00, plus parts and labor.**

XIV. **Payment:** Payment of Fee for Services for the original term as stated above is to be made as follows:

X Included in PROPOSAL AND CONTRACT

_____ Full amount due upon signature (Required of new Customer)

_____ Payments of \$ _____ due upon receipt of invoice. (Payment terms for renewal of agreement.)

Payment of invoice(s) for any other service or repair provided by contractor is due upon receipt of invoice. Invoices are mailed on the date of invoice. All payments not received within thirty (30) days from the invoice date will be subject to a 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). Any check returned to Contractor for any reason will be assessed a \$30.00 returned check fee.

XV. **Application of Transfer of payment:** The fees paid for this agreement are not refundable, however, the agreement is transferable. Customer will advise 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 received from Customer first to any past due obligations arising from this Agreement including late fees or penalties, returned 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 promises or conditions in any other agreement, oral or written.

R. Bruce Colabe

OSSF Installer II, Lic OS0004815, and, OSSF Site Evaluator, Lic OS0012360

Name

Date

exp 1/31/2021

exp 12/31/2020

Certified Service Provider for: Jet Inc. Member: Texas On-Site Wastewater Association and National On-site Wastewater Recycling

Acceptance of Agreement: The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to perform the Services as specified. It is understood and agreed that this work is not provided for in any other agreement and no contractual rights arise until this "Agreement" is accepted in writing AND payment is made as outlined above.

✓ [Signature] ✓ 11/12/18 ✓ trief56@yahoo.com
Customer Date E-Mail

✓ CONTACT PHONE NUMBERS:

#1 281-415-0427
#2 281-732-2125

Gate Codes for: N/A

SubDivision _____
Property _____

SOUTH TEXAS WASTEWATER TREATMENT

Authorized JET Distributor - Home and Commercial - Engineering Services
P O Box 1284 Boerne, Texas 78006 * 830-249-8098 or 1-800-86 WASTE

SITE EVALUATION INFORMATION SHEET

Scott & Carole Tiefenhaller
1807 Pebble Hill Ct
Sugarland TX 77475
c/o T A French Custom Builders

Site: 1213 Clove Hitch
Lot 1660
Vintage Oaks @ The Vineyard 17
Comal County, Texas

Date Site Evaluation Performed: 09 October 2018

Within 100 year Flood zone No, FIR Map 48091C0265F
Edwards Recharge Zone: Yes, USGS map Index map

Profile Holes: 10-12" medium brown silty clay w/significant flint like rock & some fractured limestone from surface. Limestone more prevalent deeper.

Soil Texture Analysis: Class _____ suitable NO

Soil Structure Analysis: _____ suitable X unsuitable for conventional septic

Structureless _____

Weak _____ Moderate _____ Strong _____

Blocky _____

Platy _____ (unsuitable)

Massive _____ (unsuitable)

Restrictive Horizon: None found: _____ Depth: surface

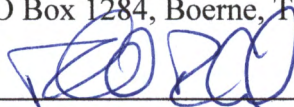
Rock or Fractured Rock: x

Clay 40% or more x

Ground Water N/A

Brief Description: No identified recharge features noted at time of site evaluation within 150' of proposed system location. No slopes where seeps may occur and no flows w/velocity that would damage the components.

This site evaluated by:
South Texas Wastewater Treatment
Ronald R. Graham, Site Evaluator
Registration Number 19772, State of Texas
PO Box 1284, Boerne, Texas



Ronald R. Graham, SE

10/30/18
Date

SOUTH TEXAS WASTEWATER TREATMENT

Authorized JET Distributor - Home and Commercial - Engineering Services
P O Box 1284 Boerne, Texas 78006 * 830-249-8098 or 1-800-86-WASTE

REVISED

8:11 am, Aug 21, 2019

29 October 2018

JET HOME WASTEWATER TREATMENT SYSTEM DESIGN SPRINKLER SYSTEM

Scott & Carole Tiefenhaler
1807 Pebble Hill Ct
Sugarland TX 77475
c/o T A French Custom Builders

Site: 1213 Clove Hitch
Lot 1660
Vintage Oaks @ The Vineyard 17
Comal County, Texas

This design includes an attached drawing No. 6976R0 dated 27 OCT 2018, RCC
Design Specifications:

Estimated average daily wastewater flow: 3 Bedroom [3,050 sq ft] (300 GPD)
Treatment of 480 GPD

Pump tank/chlorine contact chamber capacity: 550 gallons

Design application rate: 0.064 gal./sq.ft./day

Dosing cycle quantity: 100-110 gallons

Number of dosing cycles per day: three (3)

Type of float switch: mercury float switch

Design pressure head: 25-40 psi at sprinkler head

Total length of supply pipe: 118 feet

Dosing pump capacity: Little Giant WE20G05P4-20 20.0 GPM @
approx. 25-40 psi at sprinkler

NSF Certified Tablet Chlorinator: installed at inlet of pump tank

Maximum slope of the field: <15 percent

Means of preventing syphoning: gravity

Diameter of supply pipe: 1 inch

Pressure adjusting valves to be installed: hose bib

Safety Lid installed on Clarifier

Offsets: property lines, wells, easements, water lines, structures, swimming pools, ponds,
etc shall be strictly adhered to as required by latest Texas Commission on
Environmental Quality OSSF Regulations.

Pump controls must have NEMA (National Manufacturing Association) approval. A PVC union
shall be placed above the pump to allow for easy pump removal.

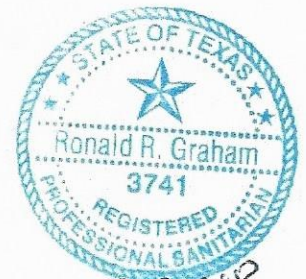
Calculation of field Size

Three bedroom house 3,050 sf --allow 300 GPD effluent flow
Assume an application rate of 15.6 square feet per gallon per day.

$$300 \div 0.064 = 4688 \text{sq ft}$$

We are installing 2 sprinkler heads, both with a 30' radius, both spraying a full circle, slightly
overlapping. The area as measured by autocad is:

$$A = 5591 \text{sq ft}$$



30 Oct 18
[Signature]

Pipe and fittings

All pipes and fittings in this system shall be schedule 40 PVC. All joints shall be sealed with an approved solvent-type PVC cement. The forced main shall be 1 inch in diameter. A Little Giant WE20G05P4-22 or equivalent high head submersible pump capable of providing at least 20 GPM and providing a 25-40 psi head shall be utilized for pumping effluent.

Site Preparation

The area selected for irrigation shall be cleared of cedar and brush. Some preparation is required. Sprayed area shall be provided with grass or other suitable ground cover.

Provisions for Emergencies

A warning system shall be added to the pump tank on a separate circuit from the pump circuit to provide warning of a failure of the system. This aerobic system has a 24 month service agreement which includes emergency service.

Flood Prone Areas

The subject lot is not in a flood prone area according to National Flood Insurance Program FIR Map community-panel Number 48091C0265F. No physical drainage feature on property which would require special protective measures. No slope where seeps may occur, no flows w/velocity that would damage components. This lot is located over the Recharge Zone of the Edwards Aquifer. WPAP 130.00039 has been reviewed.

Tank Sizes

The system shall have a JET Model J-750 extended aeration plant with external NSF Certified tablet chlorinator. The pump tank shall have a capacity of 550 gal. This tank will not need tees on inlet. Safety Lid installed on clarifier.

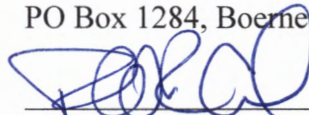
Inspections

In addition to the inspections required by Comal County the system shall be inspected by the design engineer at least twice during construction and an inspection report submitted to Comal County officials including an as-built drawing.



This system designed by:

South Texas Wastewater Treatment
Ronald R. Graham, Registered Sanitarian
Registration Number 3741, State of Texas
PO Box 1284, Boerne, TX



Ronald R. Graham, RS

October 30, 2018
Date

Attachments:

Drawing No. 6976R0 dated 27 OCT 2018, RCC

REVISED

8:11 am, Aug 21, 2019



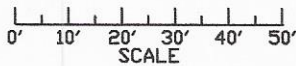
20 Aug 19
[Signature]

SYSTEM DESIGN
 FOR
 1213 CLOVE HITCH
 LOT 1660
 VINTAGE OAKS, VINEYARD 17
 COMAL COUNTY, TEXAS
 BY
 RONALD R. GRAHAM R.S. 3741
 SOUTH TEXAS WASTEWATER TREATMENT
 P.O. BOX 1284 BOERNE, TX 78006
 830-249-8098

REVISIONS:
 REVISED: 18 JUN 2019
 DATE: 27 OCT 2018 RCC

DRAWING NO. 6976R1

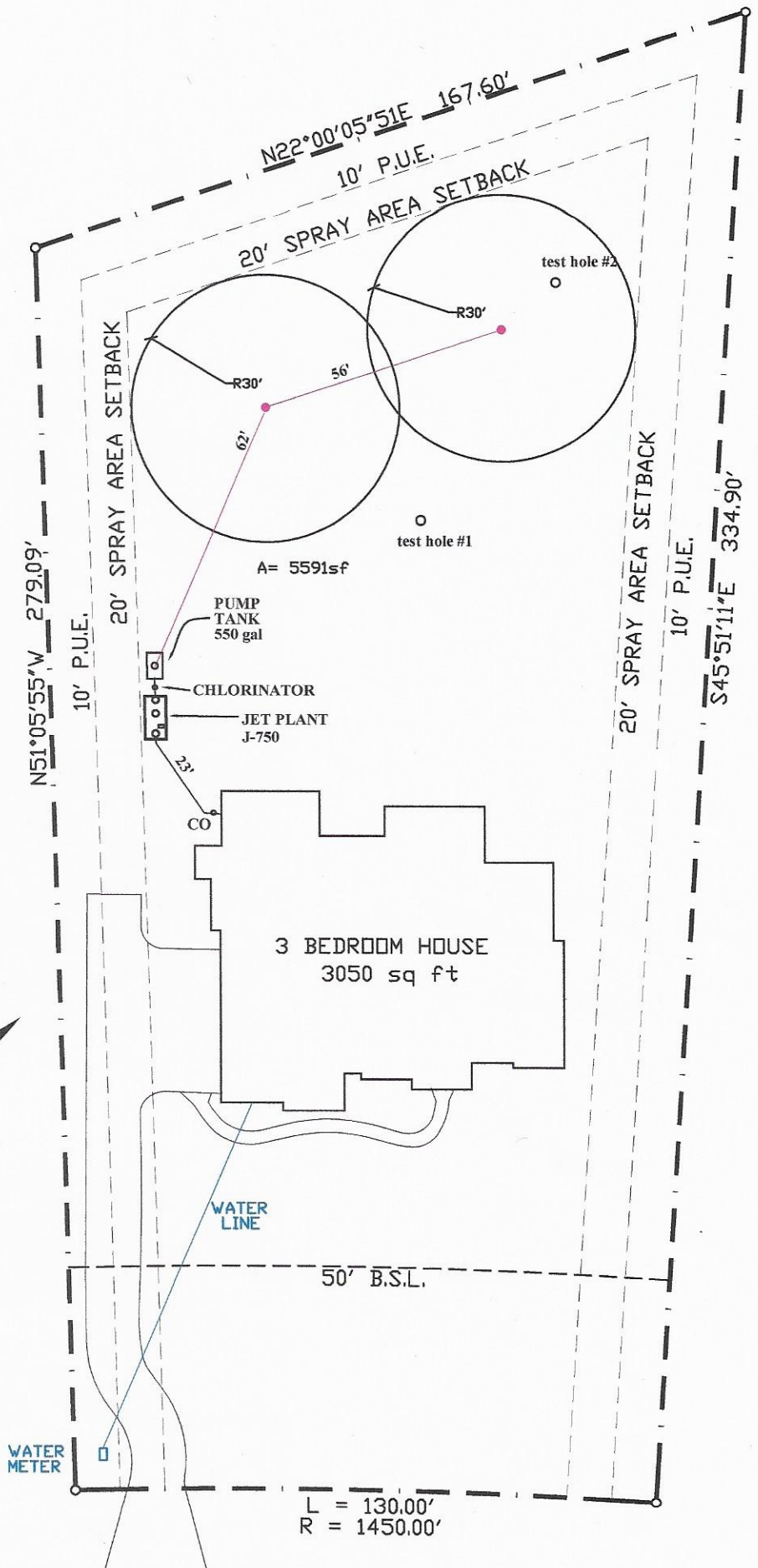
THIS DESIGN MEETS ALL OF THE REQUIREMENTS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY DSSF REGULATIONS AND THE ORDERS OF COMAL COUNTY AND WILL NOT CAUSE A NUISANCE OR HEALTH HAZARD.



ALL SPRINKLERS ARE HUNTER PGP-ARV-LA OR K-RAIN PROPLUS

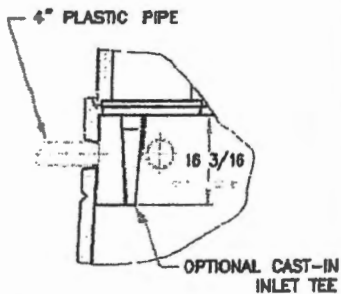
ANY CROSSING OF WATER LINE & SPRAY LINE WILL BE SLEEVED 10 ft ON EACH SIDE OF WATER LINE OR A BACK-FLOW PREVENTION DEVICE WILL BE INSTALLED.

NO PHYSICAL DRAINAGE FEATURE ON PROPERTY WHICH WOULD REQUIRE SPECIAL PROTECTIVE MEASURES.



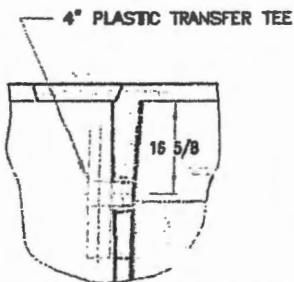
1213 CLOVE HITCH

DETAIL 1



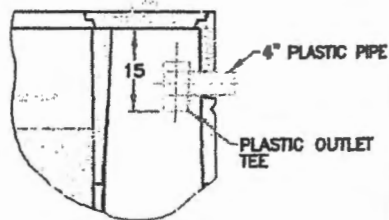
OPTIONAL INLET TEE

DETAIL 2

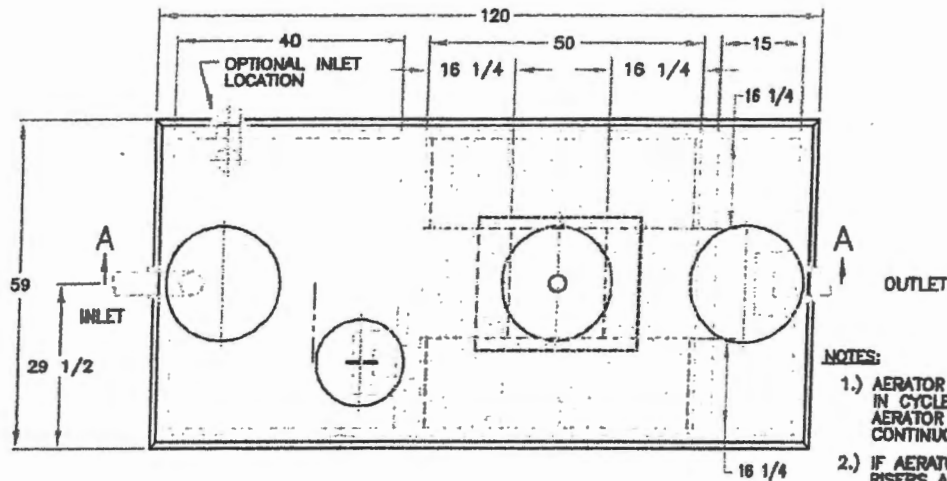


OPTIONAL TRANSFER TEE

DETAIL 3

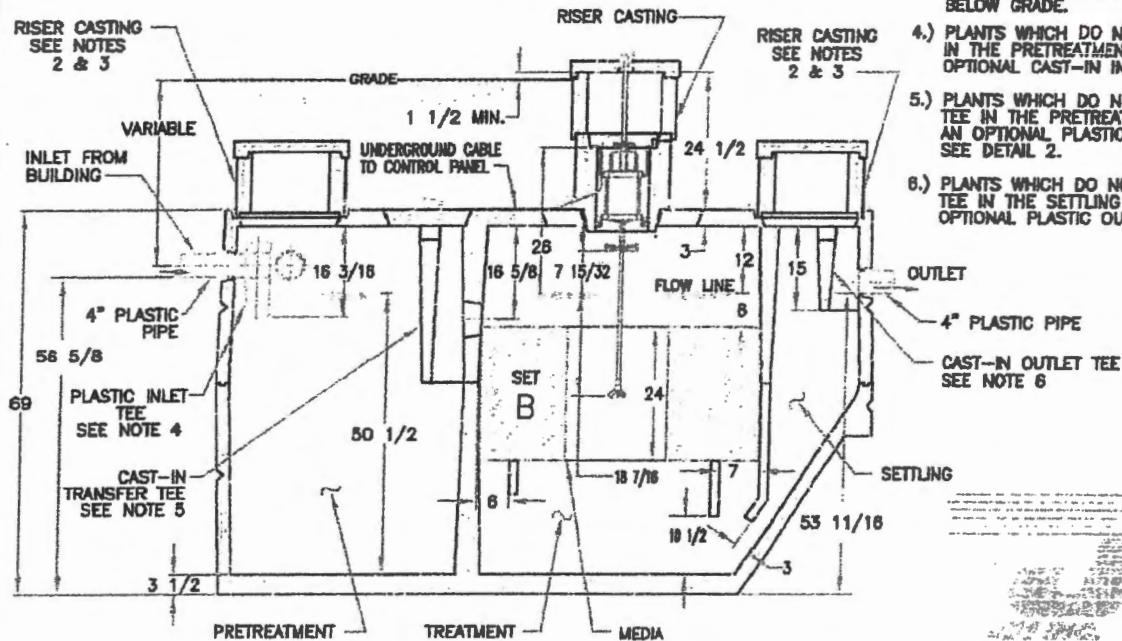


OPTIONAL OUTLET TEE



NOTES:

- 1.) AERATOR MODELS 565LL-S AND 665LL-FP IN CYCLED OR CONTINUOUS OPERATION OR AERATOR MODELS 560-S AND 660-FP IN CONTINUOUS OPERATION MUST BE USED.
- 2.) IF AERATOR MOUNTING CASTING HAS NO RISER, RISERS ARE NOT REQUIRED HERE. REMOVABLE CONCRETE COVERS ARE REQUIRED.
- 3.) IF AERATOR MOUNTING CASTING HAS A RISER(S), COVERED RISERS ARE REQUIRED HERE. RISERS SHOULD BE DEVELOPED TO GRADE OR TO 6"-12" BELOW GRADE.
- 4.) PLANTS WHICH DO NOT USE A PLASTIC INLET TEE IN THE PRETREATMENT COMPARTMENT MAY USE AN OPTIONAL CAST-IN INLET TEE. SEE DETAIL 1.
- 5.) PLANTS WHICH DO NOT HAVE A CAST-IN TRANSFER TEE IN THE PRETREATMENT COMPARTMENT MAY USE AN OPTIONAL PLASTIC TRANSFER TEE. SEE DETAIL 2.
- 6.) PLANTS WHICH DO NOT HAVE A CAST-IN OUTLET TEE IN THE SETTLING COMPARTMENT MAY USE AN OPTIONAL PLASTIC OUTLET TEE. SEE DETAIL 3.

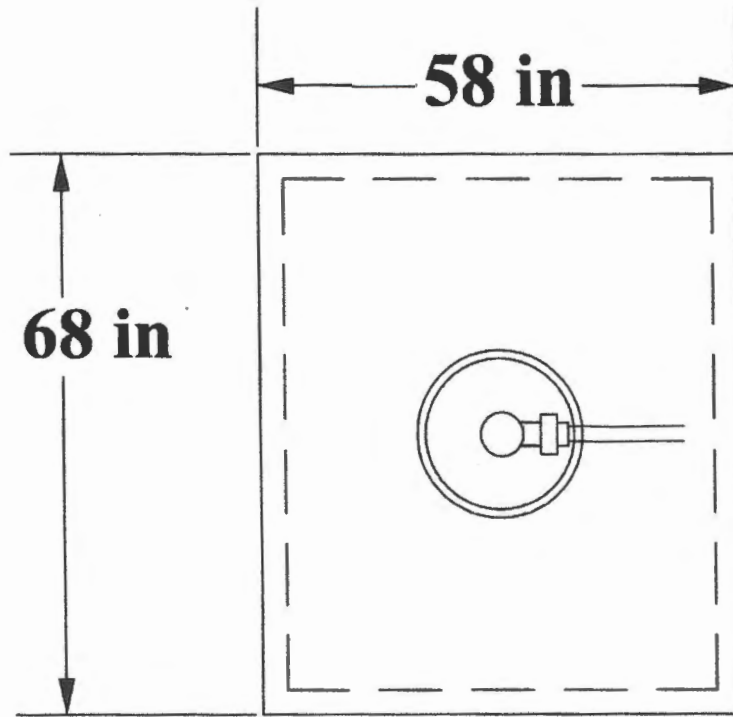


SECTION A-A

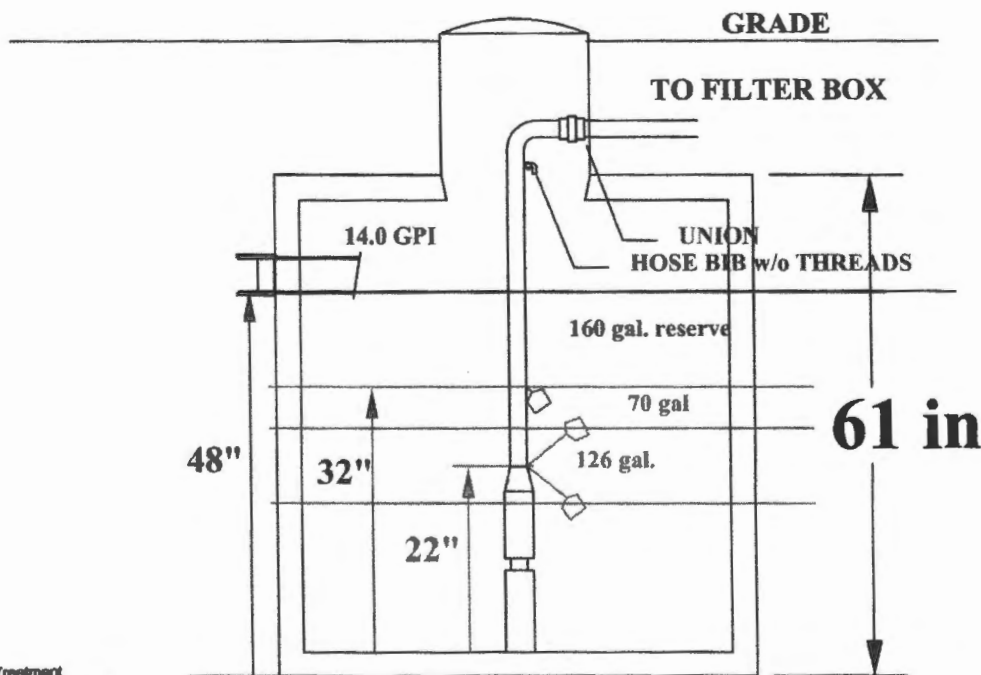
05-18-01e	R. P. T.
	D.S.M.
750 GPD PLANT COMPONENT PARTS & INSTALLATION	3-15-94
SHI JET INC.	12 NONE
	J-750

PATENTED

FILE REF. No. ART-449



PUMP. TANK
550 gal.



SOUTH TEXAS WASTEWATER TREATMENT

Authorized JET Distributor - Residential and Commercial - Engineering Services
P O Box 1284 Boerne, TX 78006-1284 Phone 8098 or 1-800-86-WASTE

VOID

29 October 2018

JET HOME WASTEWATER TREATMENT SYSTEM DESIGN SPRINKLER SYSTEM

Scott & Carole Tiefenhaller
1807 Pebble Hill Ct
Sugarland TX 77475
c/o T A French Custom Builders

Site: 1213 Clove Hitch
Lot 1660
Vintage Oaks @ The Vineyard 17
Comal County, Texas

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Treatment of 480 GPD

Pump tank/chlorine contact chamber capacity: 550 gallons

Design application rate: 0.064 gal./sq.ft./day

Dosing cycle quantity: 100-110 gallons

Number of dosing cycles per day: three (3)

Type of float switch: mercury float switch

Design pressure head: 25-40 psi at sprinkler head

Total length of supply pipe: 130 feet

Dosing pump capacity: Little Giant WE20G05P4-20 20.0 GPM @
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NSF Certified Tablet Chlorinator: installed at inlet of pump tank

Maximum slope of the field: <15 percent

Means of preventing syphoning: gravity

Diameter of supply pipe: 1 inch

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Assume an application rate of 15.6 square feet per gallon per day.

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$$A = 5591 \text{ sq ft}$$

VOID



30 Oct 18
[Handwritten signature]



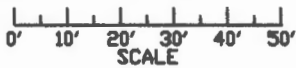
6/10/18
[Signature]

VOID

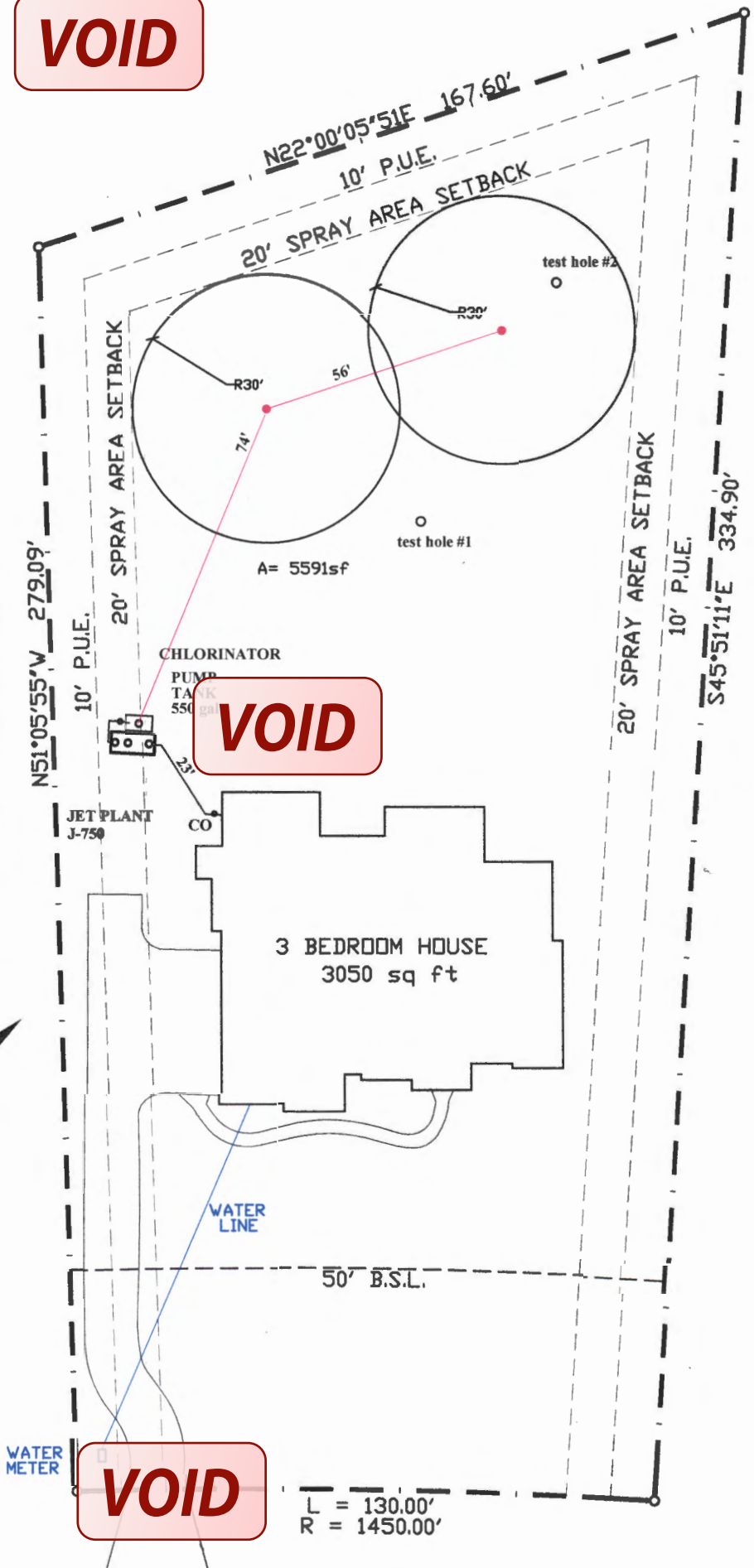
SYSTEM DESIGN
FOR
1213 CLOVE HITCH
LOT 1660
VINTAGE OAKS, VINEYARD 17
COMAL COUNTY, TEXAS
BY
RONALD R. GRAHAM R.S. 3741
SOUTH TEXAS WASTEWATER TREATMENT
P.O. BOX 1284
BOERNE, TX 78006
830-249-8098

DRAWING NO: 6976R0 DATE: 27 OCT 2018 RCC

THIS DESIGN MEETS ALL OF THE REQUIREMENTS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY DSSF REGULATIONS AND THE ORDERS OF COMAL COUNTY AND WILL NOT CAUSE A NUISANCE OR HEALTH HAZARD.



ALL SPRINKLERS ARE HUNTER PGP-ARV-LA OR K-RAIN PROPLUS
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NO PHYSICAL DRAINAGE FEATURE ON PROPERTY WHICH WOULD REQUIRE SPECIAL PROTECTIVE MEASURES.



VOID

1213 CLOVE HITCH

2-174453 BD

FILED BY

PRESIDIO TITLE

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

SPECIAL WARRANTY DEED

THE STATE OF TEXAS

§
§
§

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF COMAL

GRANTOR: SOUTHSTAR AT VINTAGE OAKS, LLC
1114 Lost Creek Blvd., Suite 270
Austin, Texas 78746

GRANTEE: SCOTT TIEFENTHALER and CAROLE TIEFENTHALER
1807 Pebble Hill Court
Sugarland, Texas 77478

That Grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) cash and other good and valuable consideration to it in hand paid by Grantee, the receipt of which is hereby acknowledged and confessed has GRANTED, SOLD and CONVEYED, and by these presents does GRANT, SELL and CONVEY, unto the said Grantees, the following described property, to-wit:

Lot 1660, VINTAGE OAKS AT THE VINEYARD, UNIT 17, Comal County, Texas, according to plat thereof recorded in Document #201706036819, Map and Plat Records of Comal County, Texas (hereinafter referred to as the "Property").

TO HAVE AND TO HOLD the Property, together with all and singular the rights and appurtenances thereto in anyway belonging to Grantor, unto Grantee, its heirs and assigns forever; and Grantor does hereby bind itself, its heirs, successors and assigns, to WARRANT AND FOREVER DEFEND all and singular the Property unto the Grantee, its heirs and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, when the claim is by, through or under Grantor, but not otherwise.

IT IS expressly UNDERSTOOD, ACKNOWLEDGED and AGREED that Grantor hereby RESERVES and EXCEPTS from this conveyance all oil, gas and other minerals of any type or form including all rights to ingress and egress as well as other rights appurtenant to the minerals and the mineral estate owned by Grantor, and does not transfer the minerals and the appurtenant rights thereto to Grantee.

THIS CONVEYANCE IS MADE AND ACCEPTED by Grantee SUBJECT TO (i) taxes for the current year, which have been prorated as of the date of closing, the payment of which Grantee assumes; (ii) all subsequent tax assessments for the current year the payment of which Grantee assumes; (iii) the Declaration of Conditions, Covenants and Restrictions for Vintage Oaks at the Vineyard filed in the Official Real Property Records, Comal County, Texas, all other restrictions, covenants, conditions, easements, reservations, leases, mineral severances, and other instruments that affect the Property and as may or may not be shown in the public records of Comal County, Texas; (iv) all zoning laws, regulations and ordinances of municipal and/or other governmental authorities that affect the Property and (v) the items listed below as Permitted Exceptions:

2-174453 BD

FILED BY

PRESIDIO TITLE

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SPECIAL WARRANTY DEED

THE STATE OF TEXAS

§

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COUNTY OF COMAL

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That Grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) cash and other good and valuable consideration to it in hand paid by Grantee, the receipt of which is hereby acknowledged and confessed has GRANTED, SOLD and CONVEYED, and by these presents does GRANT, SELL and CONVEY, unto the said Grantees, the following described property, to-wit:

Lot 1660, VINTAGE OAKS AT THE VINEYARD, UNIT 17, Comal County, Texas, according to plat thereof recorded in Document #201706036819, Map and Plat Records of Comal County, Texas (hereinafter referred to as the "Property").

TO HAVE AND TO HOLD the Property, together with all and singular the rights and appurtenances thereto in anyway belonging to Grantor, unto Grantee, its heirs and assigns forever; and Grantor does hereby bind itself, its heirs, successors and assigns, to WARRANT AND FOREVER DEFEND all and singular the Property unto the Grantee, its heirs and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, when the claim is by, through or under Grantor, but not otherwise.

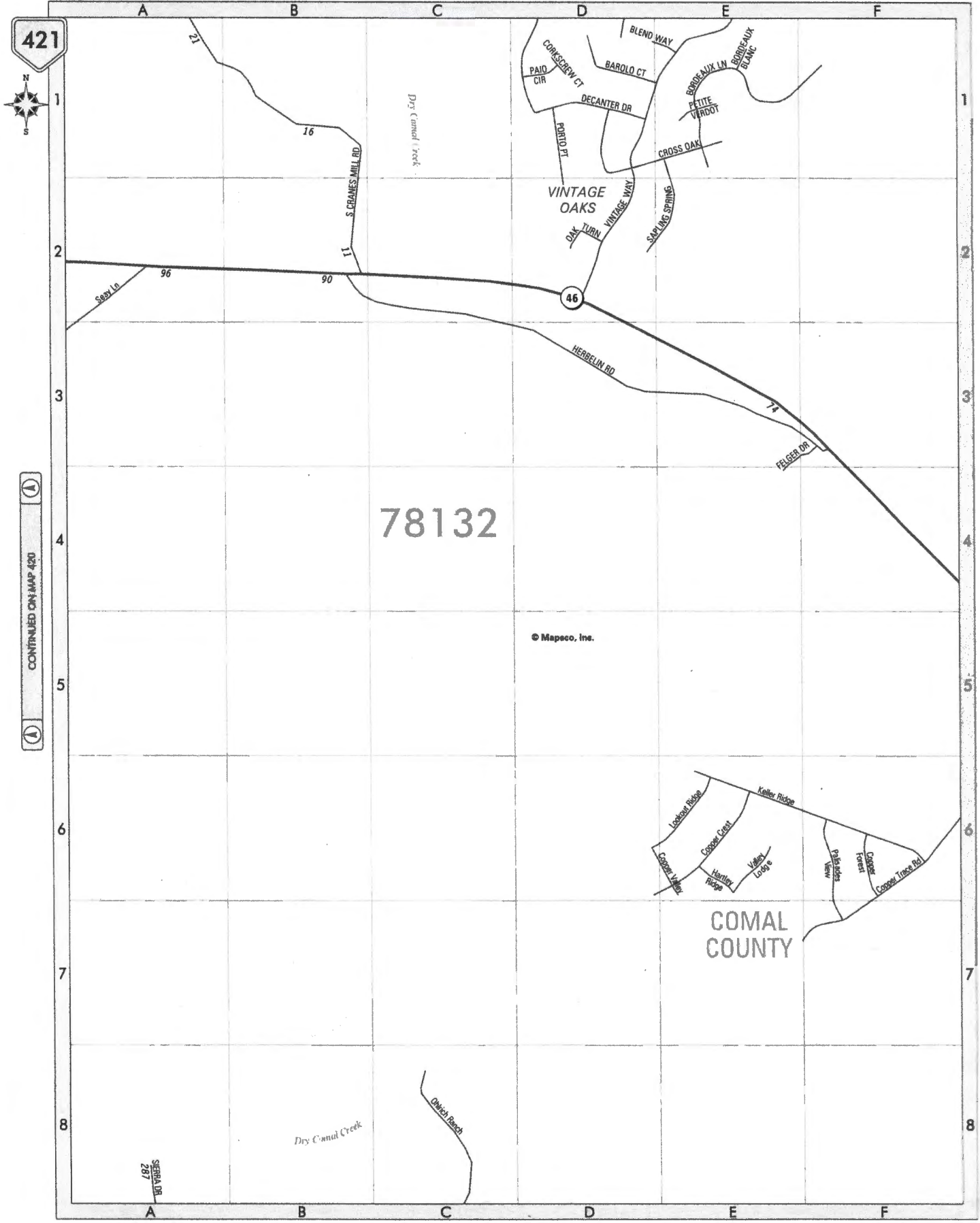
IT IS expressly UNDERSTOOD, ACKNOWLEDGED and AGREED that Grantor hereby RESERVES and EXCEPTS from this conveyance all oil, gas and other minerals of any type or form including all rights to ingress and egress as well as other rights appurtenant to the minerals and the mineral estate owned by Grantor, and does not transfer the minerals and the appurtenant rights thereto to Grantee.

THIS CONVEYANCE IS MADE AND ACCEPTED by Grantee SUBJECT TO (i) taxes for the current year, which have been prorated as of the date of closing, the payment of which Grantee assumes; (ii) all subsequent tax assessments for the current year the payment of which Grantee assumes; (iii) the Declaration of Conditions, Covenants and Restrictions for Vintage Oaks at the Vineyard filed in the Official Real Property Records, Comal County, Texas, all other restrictions, covenants, conditions, easements, reservations, leases, mineral severances, and other instruments that affect the Property and as may or may not be shown in the public records of Comal County, Texas; (iv) all zoning laws, regulations and ordinances of municipal and/or other governmental authorities that affect the Property and (v) the items listed below as Permitted Exceptions:

Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
11/03/2017 04:15:12 PM
JESSICA 3 Pages(s)
201706048908



Bobbie Koepf



421



CONTINUED ON MAP 420

78132

© Mapeco, Inc.

COMAL COUNTY

SCALE IN MILES
0 1/8 1/4 3/8 1/2

CONTINUED ON MAP 455

SCALE IN FEET
0 1000 2000 3000

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

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.

Dianne Bullquist

Signature of Applicant

11-15-2018

Date

<input type="checkbox"/> COMPLETE APPLICATION	
Check No. _____	Receipt No. _____

<input type="checkbox"/> INCOMPLETE APPLICATION
(Missing Items Circled, Application Refused)

South Texas Wastewater Treatment
PO Box 1284
Boerne, TX 78006

Phone: (830) 249-8098

bruce@stwastewater.com

To: **Scott & Carole Tiefenhaler**
1213 Clove Hitch
New Braunfels, TX 78132

Printed: 12/14/2021
Site: 1213 Clove Hitch
New Braunfels, TX 78132
(281) 415-0427

Permit #: **108374**

Agency: Comal County Environmental
County: Comal
Mfg / Brand: Jet, Inc. - Jet - 2 yr
Treatment Type: Aerobic
Disposal: Surface Application

Sub: Vintage Oaks @ the Vineyard 17

Customer ID: 6976
Contract Dates: 8/20/2021 - 8/20/2023
Scheduled Date: 12/20/2021 Inspection 1 of 6
Aerator: J-750 Installed: 8/20/2019
Aerator S/N: JUL1900390 Warranty End: 8/20/2020

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 11/30/2021

Time In: 9:30

Out: 10:10

Entered By: Lynn

Method: Grab

Technician: Bart Rogers

Maint. Provider: R. Bruce Cobabe

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 1.0

Sludge Levels

For Tank 3: 0-1"

Added Chlorine Amount: 12

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

Serviced

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 12/14/2021.

Service Completed

Insp ID #:512490

Provider: *R. Bruce Cobabe*

R. Bruce Cobabe

License Info: MP0000572 Expires: 11/30/2023

South Texas Wastewater Treatment
PO Box 1284
Boerne, TX 78006

Phone: (830) 249-8098

bruce@stwastewater.com

To: **Scott & Carole Tiefenhaller**
1213 Clove Hitch
New Braunfels, TX 78132

Printed: 4/25/2022
Site: 1213 Clove Hitch
New Braunfels, TX 78132
(281) 415-0427

Permit #: **108374**

Agency: Comal County Environmental

County: Comal

Mfg / Brand: Jet, Inc. - Jet - 2 yr

Treatment Type: Aerobic

Disposal: Surface Application

Sub: Vintage Oaks @ the Vineyard 17

Customer ID: 6976

Contract Dates: 8/20/2021 - 8/20/2023

Scheduled Date: 4/20/2022

Aerator: J-750

Aerator S/N: JUL1900390

Inspection 2 of 6

Installed: 8/20/2019

Warranty End: 8/20/2020

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 4/20/2022

Time In: 2:25

Out: 2:55

Entered By: Lynn

Method: Grab

Technician: Robert Williams-MT0001160

Maint. Provider: R. Bruce Cobabe

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 1.6

Added Chlorine Amount: 12

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

Serviced

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 4/25/2022.

Service Completed

Insp ID #: 516580

Provider: *R. Bruce Cobabe*

R. Bruce Cobabe

License Info: MP0000572 Expires: 11/30/2023

License Info: MT0001160 Expires: 4/30/2022

South Texas Wastewater Treatment
PO Box 1284
Boerne, TX 78006

Phone: (830) 249-8098

To: **Scott & Carole Tiefenhaller**
1213 Clove Hitch
New Braunfels, TX 78132

Printed:9/19/2022
Site: 1213 Clove Hitch
New Braunfels, TX 78132
(281) 415-0427

Permit #: **108374** Customer ID: 6976
Agency: Comal County Environmental Contract Dates: 8/20/2021 - 8/20/2023
County: Comal Sub: Vintage Oaks @ the Vineyard 17 Scheduled Date 8/20/2022 Inspection 3 of 6
Mfg / Brand: Jet, Inc. - Jet - 2 yr Aerator: J-750 Installed: 8/20/2019
Treatment Type: Aerobic Aerator S/N: JUL1900390 Warranty End: 8/20/2020
Disposal: Surface Application

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 9/10/2022

Time In: 9:57

Out: 10:21

Entered By: Lynn

Method: Grab

Technician: Todd Caron - MT0001158

Maint. Provider: R. Bruce Cobabe

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 1.0

Added Chlorine Amount: 12

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

Service Completed

Serviced

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 9/19/2022.

Insp ID #:520300

Provider: *R. Bruce Cobabe*

R. Bruce Cobabe

License Info: MP0000572 Expires: 11/30/2023

License Info: MT0001158 Expires: 4/30/2025

South Texas Wastewater Treatment
PO Box 1284
Boerne, TX 78006

Phone: (830) 249-8098

To: **Scott & Carole Tiefenhaler**
1213 Clove Hitch
New Braunfels, TX 78132

Printed: 2/24/2023
Site: 1213 Clove Hitch
New Braunfels, TX 78132
(281) 415-0427

Permit #: **108374**

Agency: Comal County Environmental
County: Comal
Mfg / Brand: Jet, Inc. - Jet - 2 yr
Treatment Type: Aerobic
Disposal: Surface Application

Sub: Vintage Oaks @ the Vineyard 17

Customer ID: 6976
Contract Dates: 8/20/2021 - 8/20/2023
Scheduled Date: 12/20/2022 Inspection 4 of 6
Aerator: J-750 Installed: 8/20/2019
Aerator S/N: JUL1900390 Warranty End: 8/20/2020

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: **1/25/2023**

Time In: 1:05

Out: 2:00

Entered By: Lynn

Method: Grab

Copy emailed to Customer
Customer Emailed: 2/24/2023

Technician: Andrew Dykes - MT0001810

Maint. Provider: R. Bruce Cobabe

Aerators: Operational

Sludge Levels

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

For Tank 3: 0-1"

Chlorine Supply: Operational

Chlorine Residual: 1.4

Added Chlorine Amount: 12

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

Service Completed

Serviced

Tech replaced both sprinklers.

- BATs cleaned during the Scheduled inspection

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

- Invoice to follow in separate email. Thank you. - Copy emailed to the customer on 2/24/2023.

Insp ID #:524173

Provider: *R. Bruce Cobabe*

R. Bruce Cobabe

License Info: MP0000572 Expires: 11/30/2023

License Info: MT0001810 Expires: 10/31/2022

South Texas Wastewater Treatment
PO Box 1284
Boerne, TX 78006

Phone: (830) 249-8098

To: **Scott & Carole Tiefenhaler**
1213 Clove Hitch
New Braunfels, TX 78132

Printed:6/21/2023
Site: 1213 Clove Hitch
New Braunfels, TX 78132
(281) 415-0427

Permit #: **108374**

Agency: Comal County Environmental
County: Comal
Mfg / Brand: Jet, Inc. - Jet - 2 yr
Treatment Type: Aerobic
Disposal: Surface Application

Sub: Vintage Oaks @ The Vineyard 17

Customer ID: 6976
Contract Dates: 8/20/2021 - 8/20/2023
Scheduled Date: 4/20/2023 Inspection 5 of 6
Aerator: J-750 Installed: 8/20/2019
Aerator S/N: JUL1900390 Warranty End: 8/20/2020

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: **5/27/2023**

Time In: 7:10

Out: 7:38

Entered By: Lynn

Method: **Grab**

Technician: Todd Caron - MT0001158

Maint. Provider: R. Bruce Cobabe

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 1.0

Sludge Levels

For Tank 3: 0-1"

Added Chlorine Amount: 12

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

Service Completed

Serviced - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 6/21/2023.

Insp ID #:527804

Provider: *R. Bruce Cobabe*

R. Bruce Cobabe

License Info: MP0000572 Expires: 11/30/2023

License Info: MT0001158 Expires: 4/30/2025

South Texas Wastewater Treatment
PO Box 1284
Boerne, TX 78006

Phone: (830) 249-8098

To: **Scott & Carole Tiefenhaller**
1213 Clove Hitch
New Braunfels, TX 78132

Printed: 9/21/2023
Site: 1213 Clove Hitch
New Braunfels, TX 78132
(281) 415-0427

Permit #: **108374**

Agency: Comal County Environmental
County: Comal
Mfg / Brand: Jet, Inc. - Jet - 2 yr
Treatment Type: Aerobic
Disposal: Surface Application

Sub: Vintage Oaks @ The Vineyard 17

Customer ID: 6976
Contract Dates: 8/20/2023 - 8/20/2025
Scheduled Date: 8/20/2023 Inspection 6 of 6
Aerator: J-750 Installed: 8/20/2019
Aerator S/N: JUL1900390 Warranty End: 8/20/2020

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: **9/4/2023**

Time In: 9:04

Out: 9:47

Entered By: Lynn

Method: **Grab**

Technician: Arthur Chapelle

Maint. Provider: R. Bruce Cobabe

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 1.0

Sludge Levels

For Tank 3: 1-2"

Added Chlorine Amount: 6

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

Service Completed

Serviced - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 9/21/2023.

Insp ID #: 530786

Provider: *R. Bruce Cobabe*

R. Bruce Cobabe

License Info: MP0000572 Expires: 11/30/2023

**South Texas Wastewater Treatment
PO Box 1284
Boerne, TX 78006**

Phone: (830) 249-8098

Date: 8/10/2023

**To: Scott & Carole Tiefenhaler
1213 Clove Hitch
New Braunfels, TX 78132**

Contract Period
Start Date: 8/20/2023
End Date: 8/20/2025

Permit #: 108374

Phone: (281) 415-0427 Subdivision: Vintage Oaks @ The Vineyard 17

Email: tief57@yahoo.com

Site: 1213 Clove Hitch, New Braunfels, TX 78132

Warranty Expired: 8/20/2020

County: Comal

Installer: rib

Installed: 8/20/2019

3-visits per-year - one every 4 months

300 gallons per day

Agency: Comal County Environmental

South Texas Wastewater Treatment

Mfg/Brand: Jet, Inc. / Jet - 2 yr

Map Key: 421 E2

ID: 6976

I. General: This Work for Hire Agreement (hereinafter referred to as "Agreement") is entered into by and between South Texas Wastewater Treatment and the above referenced name (referred to as Customer). By this agreement, South Texas Wastewater Treatment and its' employees (hereinafter 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 Dates: This agreement commences and ends as noted above.

III. Renewal: This Agreement shall automatically renew for an additional period of two (2) years at the same terms and conditions unless either party gives notice of termination a minimum of thirty (30) days prior to end of first agreement period. See Section IV.

IV Termination of Agreement: This Agreement may be terminated by either party with thirty (30) days written notice for any reason, including for example, substantial failure to perform in accordance with its terms, without fault or liability of the terminating party. NO REFUNDS. If this Agreement is so terminated, Contractor will be paid at the rate of \$95.00 per hour for any work performed and for which compensation has not been received. Either party terminating this agreement for any reason, including non-renewal, shall notify in writing the appropriate regulatory agency a minimum of thirty (30) days prior to the date of such termination.

V. 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 regulations approximately every four months.

B. Provide a written record of visits to the site by means of an inspection tag attached to or contained in or near the control panel.

C. Repair or replace: if repairs or replacement of parts is necessary during a routine service visit, the repair or replacement of parts will be made at that time, if the charges for parts do not exceed \$100.00. If the charges for parts exceed \$100.00, the homeowner will be contacted for approval at the number(s) provided by the homeowner below. If the homeowner cannot be reached for approval while the technician is at the property, the repairs will not be made if they exceed \$100.00. If the technician receives approval after he leaves the property, a service call charge of \$95.00 to return to the property will be added to the final bill. If warranted items are required to be replaced within 30 days of installation, labor will not be charged. After 30 days, labor will be charged according to the service agreement.

D. Provide sample collection and laboratory testing of TSS and BOD on a yearly basis as required by permit. An additional charge will be incurred by the Customer for this service. (Only required for other than single family residence.)

E. Forward copies of this Agreement and all reports to the regulatory agency and the customer within 14 days.

F. Visit site in response to Customer's request for unscheduled service within forty-eight (48) hours of the date of notification of said request.

Unless otherwise covered by warranty, costs for such unscheduled responses will be billed to Customer.

VI. Disinfection: Not Required. X Required. The responsibility to maintain the disinfection device (s) and provide any necessary chemicals is that of the Customer. If the Customer pays for it (See Attached Invoice), Contractor will add 6 tablets of chlorine at routine services (See Section V Sub-section A) INITIAL

VII. Electronic Monitoring is X is not included in this Agreement.

VIII. 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 email of this agreement and all documentation requested by Contractor.

2. Contractor providing the equipment and installation for this OSSF.

3. Contractor's receipt of payment in full for the equipment and installation.

4. Contractor's receipt of payment of the wastewater monitoring fee in accordance with the terms as described in section XIV of this Agreement.

B. If this is not an initial agreement (existing system):

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

2. Contractor's receipt of payment of the wastewater monitoring fee in accordance with the terms as described in Section XIV of this agreement

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

IX. Customer's Responsibilities: The Customer is responsible for each and all of the following :

A. **DO NOT ALLOW ALTERATION TO ANY PART OF THE SYSTEM OR SPRINKLER HEAD LOCATIONS. ALTERATIONS WOULD PUT THE SYSTEM OUT OF COMPLIANCE AND WOULD CAUSE THE PROPERTY OWNER ADDITIONAL EXPENSES TO BRING THE SYSTEM BACK INTO COMPLIANCE.**

B. Provide all necessary yard or lawn maintenance and the 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.

- C. Protect equipment from physical damage including but not limited to that damage caused by insects.
- D. Maintain a current license to operate, and abide by the conditions and limitations of that license, and all requirements for an on-site sewage facility (OSSF) from the State and/or local regulatory agency, whichever are more stringent, as well as proprietary system's
- E. Notify Contractor immediately of any and all alarms, and/or any and all problems with, including failure of, the OSSF.
- F. Provide, upon request by Contractor, water usage records for evaluation by Contractor as to the performance of the OSSF.
- G. 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. Sub-section D above, Customer agrees to pay Contractor for sample collection and transportation, portal to portal, at a rate of \$95.00 per hour plus the associated fees for laboratory testing.
- H. Prevent the backwash or flushing of water treatment of conditioning equipment from entering the OSSF.
- I. Prevent the condensate 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.
- J. Provide for pumping and cleaning of tanks and treatment units, when and as recommended by Contractor, at Customer's expense.
- K. Maintain site drainage to prevent adverse effects on the OSSF.
- L. Pay promptly and fully, all Contractor's fees, bills, or invoices as described herein.

X. 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. **IF SPECIAL ARRANGEMENTS ARE REQUESTED (any advance or prior notice or contacting of owner/resident in order to enter property to perform routine service visit, (locked gates, biting dogs, appointment to enter, to call on the way, etc.) or if any part of the system is located behind a locked door (garage, etc.) -THERE IS AN ADDITIONAL CHARGE.** 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 proprietary system manufacturer. If not an initial agreement (new installation) and this access is not in place or provided for by the customer, the costs for the labor of excavation, and possibly other labor and materials costs, will be required. These costs shall be billed to Customer as an additional service at a rate of \$95.00 per hour, plus materials at list price. Excavated soil shall be replaced as best as Contractor can at the time such service is performed and under no circumstances is Contractor responsible for damages to sod, grass, roots, landscaping, or any unmarked underground items (telephone, television, or electric cables, water air or gas lines, etc.), or for the uneven settling of the soil.

XI. 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.

XII. Severability: If any provision of this "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 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.

XIII. Fee for Services: The fee for the basic Services described in this Agreement is . This fee does not include any equipment, materials, or labor necessary for non-warranty repairs and/or any on-site visit, other than required regularly Scheduled Inspections (see Section V, Item A), and will incur a service call fee of \$95.00, plus parts and labor.

XIV. Payment: Payment of Fee for Services for the original term as stated above is to be made as follows:

- Included in PROPOSAL AND CONTRACT
- Full amount due upon signature (Required of new Customer)
- Payments of \$ 1200.00 due upon receipt of invoice. (Payment terms for renewal of agreement.)

Payment of invoice(s) for any other service or repair provided by contractor is due upon receipt of invoice. Invoices are mailed on the date of invoice. All payments not received within thirty (30) days from the invoice date will be subject to a 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). Any check returned to Contractor for any reason will be assessed a \$30.00 returned check fee.

XV. Application of Transfer of payment: The fees paid for this agreement are not refundable, however, the agreement is transferable. Customer will advise 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 received from Customer first to any past due obligations arising from this Agreement including late fees or penalties, returned 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 promises or conditions in any other agreement, oral or written.

R. Bruce Cobabe R. Bruce Cobabe Contractor II, Lic OS0004815, and, OSSF Site Evaluator, Lic OS0012360
 Name Date exp 1/31/2024 exp 12/31/2023

Certified Service Provider for: Jet Inc.
 Member: Texas On-Site Wastewater Association and National On-site Wastewater Recycling
Acceptance of Agreement: The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to perform the Services as specified. It is understood and agreed that this work is not provided for in any other agreement and no contractual rights arise until this "Agreement" is accepted in writing AND payment is made as outlined above.

Carole Tiefenhala 9/3/23 tief56@yahoo.com
 Customer Date E-Mail

CONTACT PHONE NUMBERS: Gate Codes:
 #1 281-415-0427 SubDivision _____
 #2 281-732-2125 Property _____

South Texas Waste Water Treatment, LLC

(830) 249-8098

PO Box 1284
Boerne, TX 78006

Printed:3/15/2024

Permit: 108374

Site: 1213 Clove Hitch, New Braunfels, TX 78132

Main Phone: 2814150427
Cell Phone: 2817322125

Scott & Carole Tiefenhaler
1213 Clove Hitch
New Braunfels, TX 78132

Agency: Comal County Environmental
County: Comal
Subdivision: Vintage Oaks @ The Vineyard 17

System Info: MFG: Jet, Inc. Brand: Jet - 2 yr Aerator: J-750 Customer ID: 6976
Treatment Type: Aerobic Disposal Type: Surface Application Aerator S/N: JUL1900390 Insp ID: 535218
Installed: 8/20/2019 Warranty Expiration: 8/20/2020

Visit Details <----->
Visit Date: 2/6/2024 Entered By: Lynn
Scheduled Date: 12/20/2023 Time In: 1:49 Contract Starts: 8/20/2023
Entered On: 3/15/2024 Time Out: 2:09 Contract Ends: 8/20/2025

Visit Results
Service Type: Scheduled Inspection Added Chlorine
Count: Inspection 1 of 6
Method: Grab License # Expires
Technician: Todd Caron - MT0001158 MT0001158 4/30/2025
Provider: R. Bruce Cobabe MP0000572 11/30/2026 Service Completed

Aerators: Operational
Filters: Operational
Irrigation Pumps: Operational
Disinfection Device: Operational
Chlorine Supply: Operational
Chlorine Residual: 1.0
Chloring Amount Added: 6

Tank Lid / Riser: Secured

Electric Circuits: Operational
Distribution System: Operational
Drip/Sprayfield Veg: Operational

Alarm: Operational

Comments
Serviced - BATs cleaned during the Scheduled inspection - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 3/15/2024.

Provider: *R. Bruce Cobabe*
R. Bruce Cobabe

License: Number: MP0000572 Exp: 11/30/2026

South Texas Waste Water Treatment, LLC

(830) 249-8098

PO Box 1284
Boerne, TX 78006

Printed:2/12/2025

Permit: 108374

Site: 1213 Clove Hitch, New Braunfels, TX 78132

Main Phone: 2814150427
Cell Phone: 2817322125

Scott & Carole Tiefenhaller

1213 Clove Hitch
New Braunfels, TX 78132

Agency: Comal County Environmental

County: Comal

Subdivision: Vintage Oaks @ The Vineyard 17

System Info: MFG: Jet, Inc. Brand: Jet - 2 yr Aerator: J-750 Customer ID: 6976
Treatment Type: Aerobic Disposal Type: Surface Application Aerator S/N: JUL1900390 Insp ID: 543303
Installed: 8/20/2019 Warranty Expiration: 8/20/2020

Visit Details <----->
Visit Date: 2/4/2025 Entered By: Diandra
Scheduled Date: 1/10/2025 Time In: 1:13 Contract Starts: 8/20/2023 Customer Emailed: 2/7/2025
Entered On: 2/7/2025 Time Out: 1:48 Contract Ends: 8/20/2025

Visit Results
Service Type: Scheduled Inspection Added Chlorine
Count: Inspection 4 of 6
Method: Grab License # Expires
Technician: Todd Caron - MT0001158 MT0001158 4/30/2025
Provider: R. Bruce Cobabe MP0000572 11/30/2026 Service Completed

Aerators: Operational
Filters: Operational
Irrigation Pumps: Operational
Disinfection Device: Operational
Chlorine Supply: Operational
Chlorine Residual: .4
Chloring Amount Added: 6

Tank Lid / Riser: Secured

Electric Circuits: Operational
Distribution System: Operational
Drip/Sprayfield Veg: Operational

Alarm: Operational

Comments
Serviced.
Technician blew BAT media.
No discernable amount of sludge measured. - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 2/7/2025.

Provider: *R. Bruce Cobabe*
R. Bruce Cobabe
License: Number: MP0000572 Exp: 11/30/2026