



COMAL COUNTY
ENGINEER'S OFFICE

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: **02/19/2020** Permit Number: **109422**

Location Description: 2117 PASSARE
NEW BRAUNFELS, TX 78132
Subdivision: Vintage Oaks at the Vineyard
Unit: 9
Lot: 1175
Block:
Acreage:

Type of System: Aerobic
Surface Irrigation

Issued to: Hardy Jackson Gex & Nancy Jo Lacey Goldie

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


ENVIRONMENTAL HEALTH COORDINATOR

OS0007722

Comal County Environmental Health OSSF Inspection Sheet

Installer Name: STW OSSF Installer #: 050008048
 1st Inspection Date: 11/15/19 2nd Inspection Date: 11-19-19 3rd Inspection Date: _____
 Inspector Name: Mike T. Inspector Name: Connor Inspector Name: _____
 Permit#: 109422 Address: Vintage Oaks / 2117 Passaic 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)		11/15/19		2/19/20
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)				

MT- 11/15/19
 Tanks set, leveled
 Pump tank leaking.

11-19-19 - SC
 tank patched, no leaks
MT- 2/29/20
 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		285.38(d) 285.38(e)				
12	SEPTIC TANK Tank Volume Installed						
13	PUMP TANK Volume Installed	✓		500	11/15/19		2/19/20
14	AEROBIC TREATMENT UNIT Size Installed	✓		750			
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		Jeff			
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
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)(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)		11/15/19		2/19/20
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						
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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 Environmental Health OSSF Inspection Sheet

Installer Name: STWW OSSF Installer #: _____

1st Inspection Date: 11/15/19 2nd Inspection Date: _____ 3rd Inspection Date: _____

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

Permit#: 109422 Address: Vintage Oaks / 2117 Passare Dr

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
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MT- 11/15/19

Tanks set, leveled

Pump tank leaking.

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**Comal County Environmental Health
OSSF Inspection Sheet**

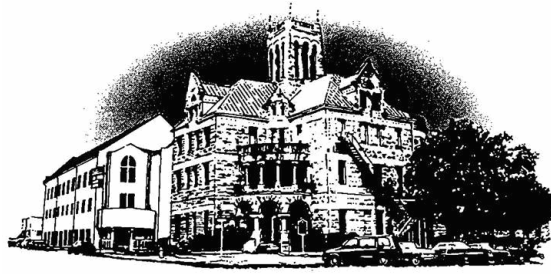
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36	<p>PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction</p> <p>PUMP TANK Sampling Port Provided in the Treated Effluent Line</p> <p>PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required</p> <p>PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump</p>						
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OSSF Inspection Sheet**

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43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						



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: 109422
Issued This Date: 08/20/2019
This permit is hereby given to: Hardy Jackson Gex & Nancy Jo Lacey Goldie

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

2117 PASSARE
NEW BRAUNFELS, TX 78132

Subdivision: Vintage Oaks at the Vineyard
Unit: 9
Lot: 1175
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 # 109422

Owner Name Hardy Jackson Gex & Nancy Jo Lacey Gold

Agent Name South Texas Wastewater Treatment

Mailing Address 27702 Linden Ridge Lane

Agent Address PO Box 1284

City, State, Zip Fulshear TX 77441

City, State, Zip Boerne TX 78006

Phone # 832-403-0022 / 832-722-7484

Phone # 830 249 8098

Email hgex@yahoo.com / njlaceyjo@gmail.com

Email bonnie@stwastewater.com

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

Subdivision Name Vintage Oaks at the Vineyard Unit 9 Lot 1175 Block _____

Acreage/Legal _____

Street Name/Address 2117 Passare 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 2777

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: \$ 621,434.⁰⁰ (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

7/7/19
Date

RECEIVED
 JUL 18 2019
 COUNTY ENGINEER

REVISED

1:30 pm, Aug 20, 2019

*** 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) 5654

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 of Designer _____

Date 2/19/19

REVISED

1:30 pm, Aug 20, 2019



**South Texas
Wastewater Treatment**

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

I, Ronald R. Graham have reviewed the WPAP# 1196449 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.

Ronald R. Graham, RS 3741



201906024586 07/17/2019 02:06:56 PM 1/1

1/108

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, 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 (TVWC), 5.012 and 5.013, gives the TCEQ 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 TVWC. The TCEQ, 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 TCEQ requires a deed recording. Additionally, the owner must provide proof of the recording to the OSSF permitting authority. This deed certification is not a representation or warranty by the TCEQ of the suitability of this OSSF, nor does it constitute any guarantee by the TCEQ that the appropriate OSSF was installed.

II

RECEIVED
JUL 18 2019

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):

Lot 1178 Block 1175 Subdivision Vintage Oaks at the Vineyard Unit 9
If not in Subdivision: _____ Acres _____ Survey

COUNTY ENGINEER

The property is owned by (insert owner's full name): Hardy Jackson Gex and Nancy Jo Lacey Goldie

This OSSF must be covered by a continuous maintenance contract for the first two years. After the initial two-year service policy, the owner of an aerobic treatment system for a single family residence shall either obtain a maintenance contract within 30 days or maintain the system personally.

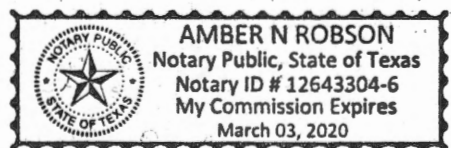
Upon sale or transfer of the above-described property, the permit for the OSSF shall be transferred to the buyer or new owner. A copy of the planning materials for the OSSF can be obtained from the Comal County Engineer's Office.

Hardy Jackson Gex [Signature] Owner Name [Signature] Owner Signature
Nancy Jo Lacey Goldie [Signature] Owner Name [Signature] Owner Signature

This instrument was acknowledged before me on: 17 Day of July, 2019

Amber Robson Notary's Printed Name
[Signature] Notary Public, State of Texas

Commission Expires: March 03 2020



Affix Notary Stamp Above

Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
07/17/2019 02:06:56 PM
LAURA 1 Page(s)
201906024586
[Signature]
Bobbie Koepf

South Texas Wastewater Treatment
PO Box 1284
Boerne, TX 78006

Phone: (830) 249-8098

Date: 6/28/2019

bruce@stwastewater.com

To: Hardy J Gex Nancy Jo L Goldie
Attention: Jack & Nancy Jo Gex
27702 Linden Ridge Lane
Fulshear, TX 77441

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Contract Period
Start Date: JUN 18 2019
End Date:

COMAL COUNTY

Phone: Subdivision: Vintage Oaks @ the Vineyard 9
Site: 2117 Passare, New Braunfels, TX 78132
County: Comal
Installer: Ronald R Graham
Agency: Comal County Environmental
Mfg/Brand: Jet, Inc. / J-750- 2 yr

South Texas Wastewater Treatment
3 visits per year - one every 4 months
300 gallons per day
Map Key: 387 D6 ID: 7045

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. The date of commencement will be the date the "License to Operate" was issued by the permitting authority. The 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 as stated in our PROPOSAL AND CONTRACT FOR SERVICES.

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 \$85.00 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 \$85.00 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. 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 12 tablets of chlorine at routine services (See Section V Sub-section A)

★ AG INITIAL
VII. Electronic Monitoring is 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 \$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.

RECEIVED
JUL 18 2019

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 Cobale

11 July 2019

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.

Hardy J. HGEX

Customer

Date

hjgex@yahoo.com

E-Mail

CONTACT PHONE NUMBERS:

#1 832-403-0022

#2 832-722-7484

Gate Codes for: None

SubDivision

Vintage Oaks Timber Bridge

Property

REVISED

1:30 pm, Aug 20, 2019

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

Hardy J Gex & Nancy Jo L Goldie
27702 Linden Ridge Ln
Fulshear TX 77441
c/o T A French Custom Builders

Site: 2117 Passare
Lot 1175
Vintage Oaks @ The Vineyard 9
Comal County, Texas

Date Site Evaluation Performed: 06 February 2019

Within 100 year Flood zone No, FIR Map 48091C0245F
Edwards Recharge Zone: YES, USGS map Index map

Profile Holes: 8-10" gravely, light brown/dark tan, silty clay w/fractured limestone from surface.
Some larger areas of standing water on lot & lot to left. Soil does not drain well at all.

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

2/19/19

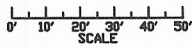
Date

REVISED

11:32 am, Apr 01, 2021



60 Jan 20
[Signature]

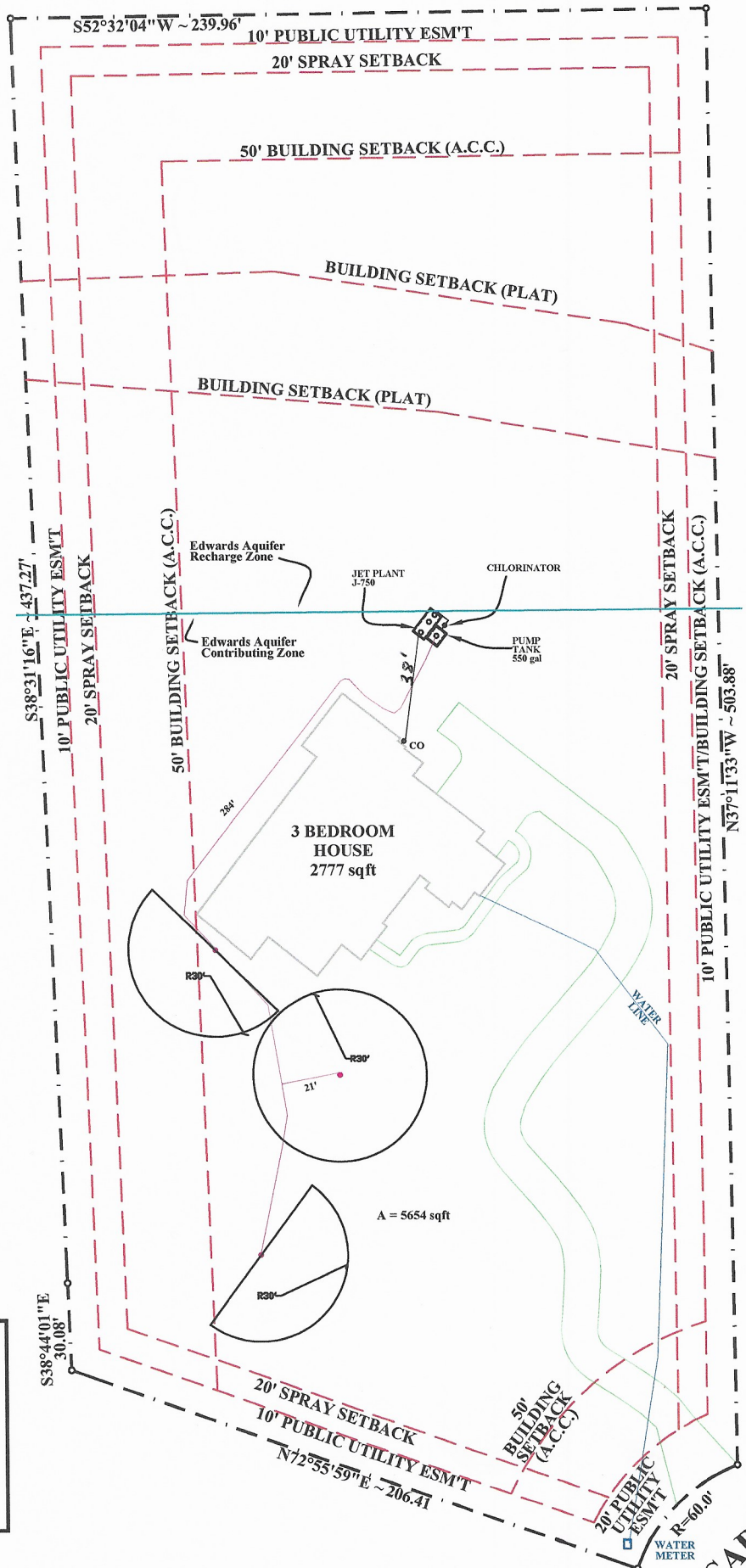


NOTES:

1. THIS DESIGN MEETS ALL OF THE REQUIREMENTS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY OSSE REGULATIONS AND THE ORDERS OF COMAL COUNTY AND WILL NOT CAUSE A NUISANCE OR HEALTH HAZARD
2. ALL SPRINKLERS ARE HUNTER PGP-ARV-LA OR K-RAIN PROPLUS
3. 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
4. NO PHYSICAL DRAINAGE FEATURE ON PROPERTY WHICH WOULD REQUIRE SPECIAL PROTECTIVE MEASURES

SYSTEM DESIGN
FOR
2117 Passare
Lot 1175
Vintage Oaks at the Vineyard 9
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.: 7045R1 REVISED: 21 DEC 2019



PASSARE

REVISED

11:33 am, Apr 01, 2021

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

15 February 2019
Revised 02 Jan 2020

JET HOME WASTEWATER TREATMENT SYSTEM DESIGN SPRINKLER SYSTEM

Hardy J Gex & Nancy Jo L Goldie
27702 Linden Ridge Ln
Fulshear TX 77441
c/o T A French Custom Builders

Site: 2117 Passare
Lot 1175
Vintage Oaks @ The Vineyard 9
Comal County, Texas

This design includes an attached drawing No. 7045R0 dated 11FEB 2019, RCC

Design Specifications:

Estimated average daily wastewater flow: 3 Bedroom [2,777 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: 305 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

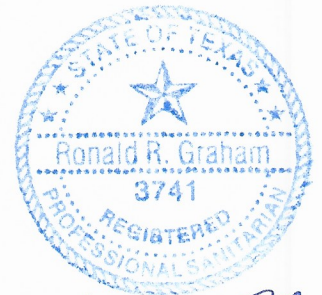
Three bedroom house 2,777 sf --allow 300 GPD effluent flow

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

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

We are installing 3 sprinkler heads, all with a 30' radius, one spraying a full circle and two spraying a ½ circle. The area as measured by autocad is:

$$A = 5,654 \text{ sq ft}$$



A handwritten signature in blue ink, appearing to read "Ronald R. Graham", written over the bottom portion of the professional seal.

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 48091C0245F. 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 both the Contributing Zone and Recharge Zone of the Edwards Aquifer. No CZP was found for reviewm WPAP 1196449 was 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.

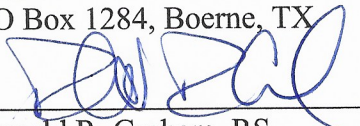
Inspections

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

January 6, 2020
Date


Attachments:

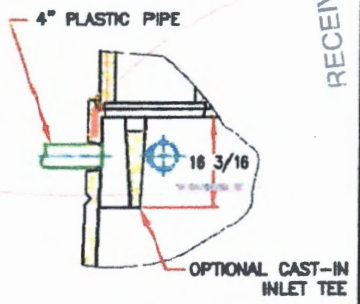
Drawing No. 7045R1 dated 21 DEC 2019, RCC

RECEIVED

JUL 18 2019

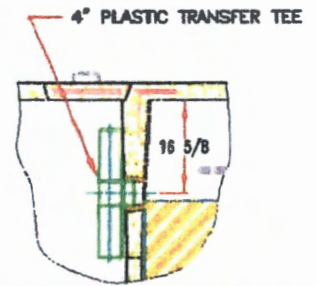
COUNTY ENGINEER

DETAIL 1



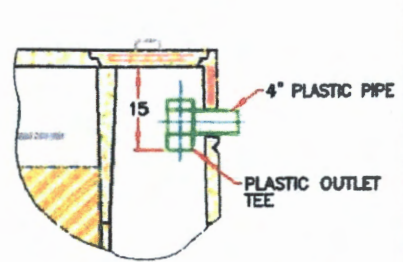
OPTIONAL INLET TEE

DETAIL 2

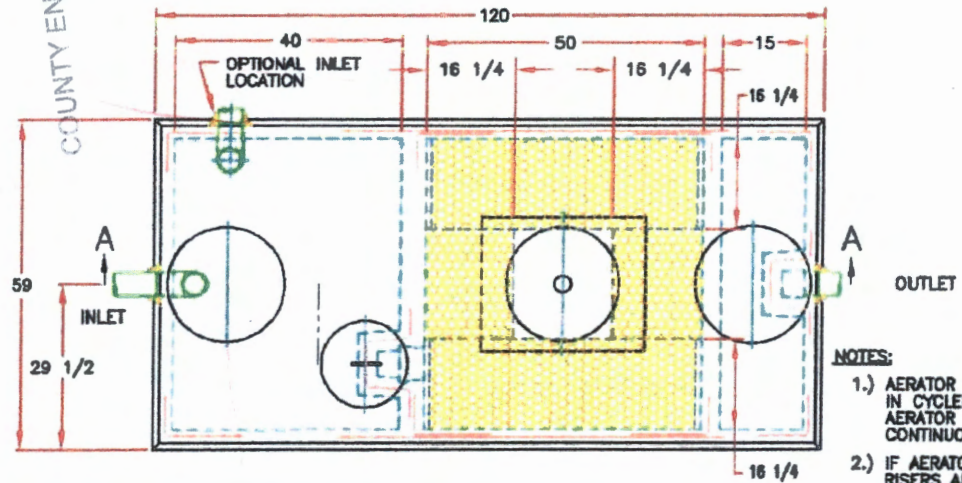


OPTIONAL TRANSFER TEE

DETAIL 3

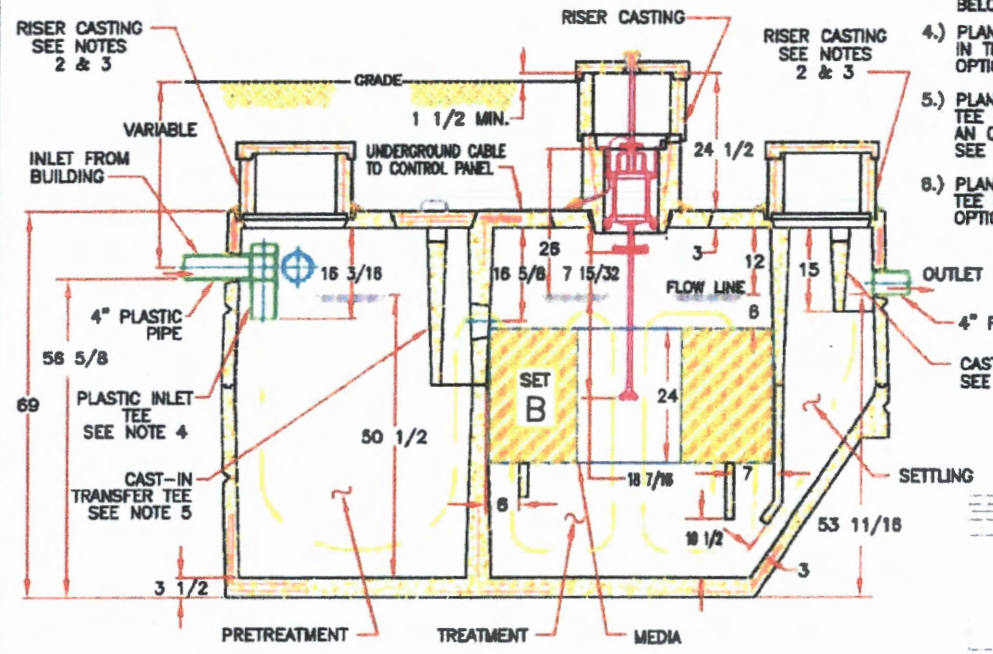


OPTIONAL OUTLET TEE



NOTES:

- 1.) AERATOR MODELS 565LL-S AND 565LL-FP IN CYCLED OR CONTINUOUS OPERATION OR AERATOR MODELS 560-S AND 560-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

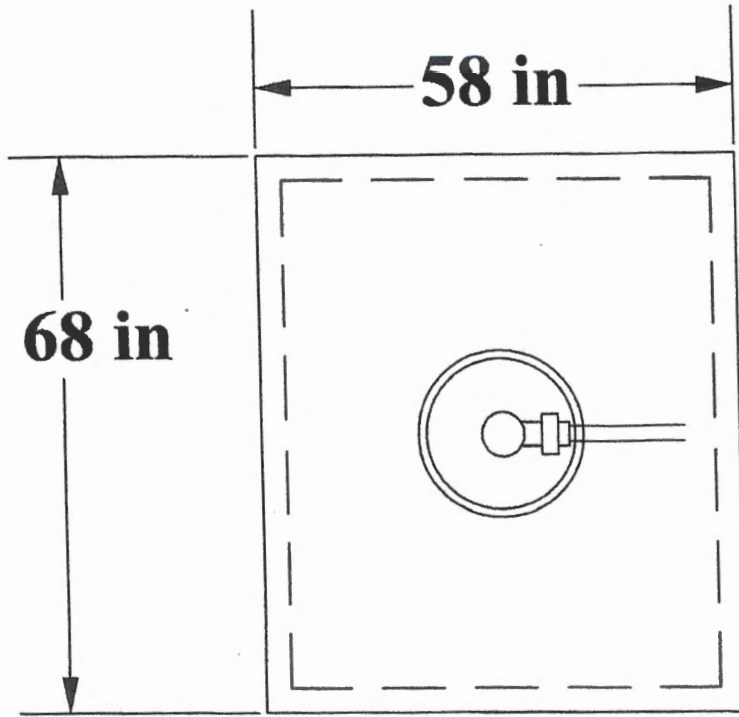


750 GPD PLANT
COMPONENT PARTS & INSTALLATION
JET INC.

DESIGNED BY	05-18-01e
DESIGNED BY	R. P. T.
APPROVED BY	D.S.M.
DATE	3-15-84
SCALE	(1)
PRICE	NONE
DATE	J-730

PATENTED

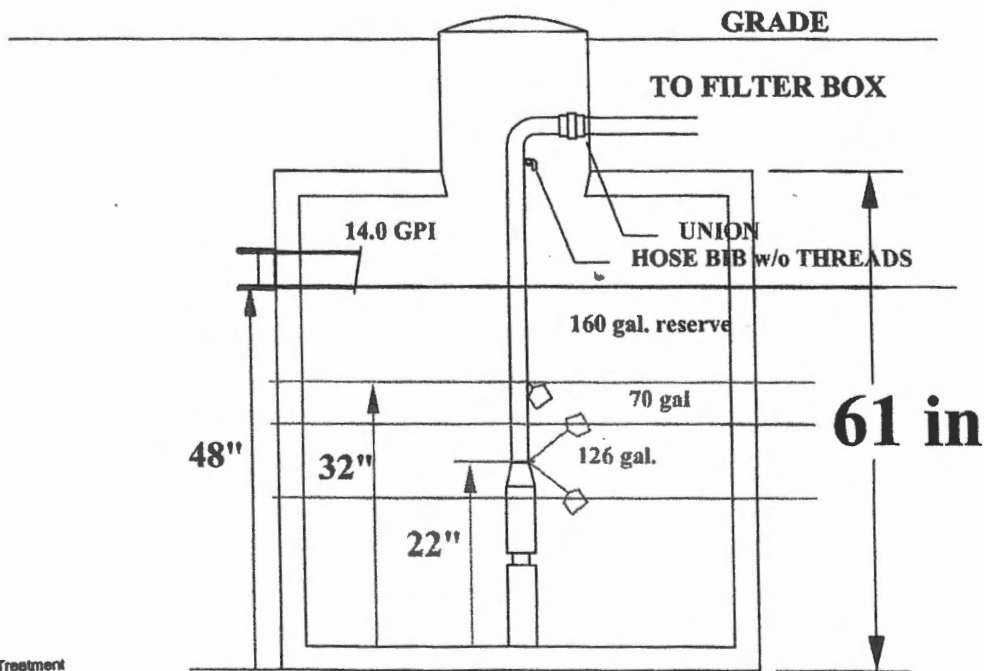
FILE REF. No. ART-448



RECEIVED
 JUL 18 2019
 COUNTY ENGINEER



PUMP. TANK
550 gal.



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

10:04 am, Nov 14, 2019

15 February 2019
Revised 25 July 2019 ; 14 NOV 2019

JET HOME WASTEWATER TREATMENT SYSTEM DESIGN SPRINKLER SYSTEM

VOID

Hardy J Gex & Nancy Jo L Goldie
27702 Linden Ridge Ln
Fulshear TX 77441
c/o T A French Custom Builders

Site: 2117 Passare
Lot 1175
Vintage Oaks @ The Vineyard 9
Comal County, Texas

This design includes an attached drawing No. 7045R0 dated 11FEB 2019, RCC
Design Specifications: revised drawing dated 14 NOV 2019

Estimated average daily wastewater flow: 3 Bedroom [2,777 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: ~~234 feet~~ 243ft

Dosing pump capacity: Little Giant WF20G05P4-20 20.0 GPM @
approx. 25-40 psi at spr

NSF Certified Tablet Chlorinator **VOID** of pump tank

Maximum slope of the field: < 5 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 2,777 sf --allow 300 GPD effluent flow
Assume an application rate of 15.6 square feet per gallon per day.

300 GPD / 15.6 = 19.23 sq ft
VOID

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:

$$A = 5654 \text{ sq ft}$$
$$-A = 5594 \text{ sq ft}$$



5 Aug 19
[Signature]

REVISED

1:30 pm, Aug 20, 2019

2117 Passare
15 February 2019
Revised 25 July 2019
page 2 of 2

VOID

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 plain according to National Flood Insurance Program FIR Map community-panel Number **VOID** 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 Edwards Aquifer Contributing Zone and the Edwards Aquifer Recharge Zone. WPAP 1196449 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.



5 Aug 19
[Handwritten signature]

This system designed by:

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

VOID

[Handwritten signature]

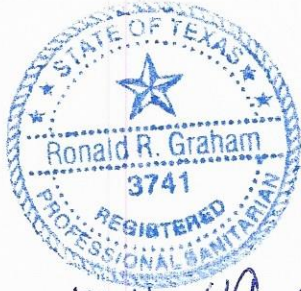
Ronald R. Graham, RS

August 5, 2019

Date

REVISED

10:04 am, Nov 14, 2019



14 Nov 19
[Handwritten signature]

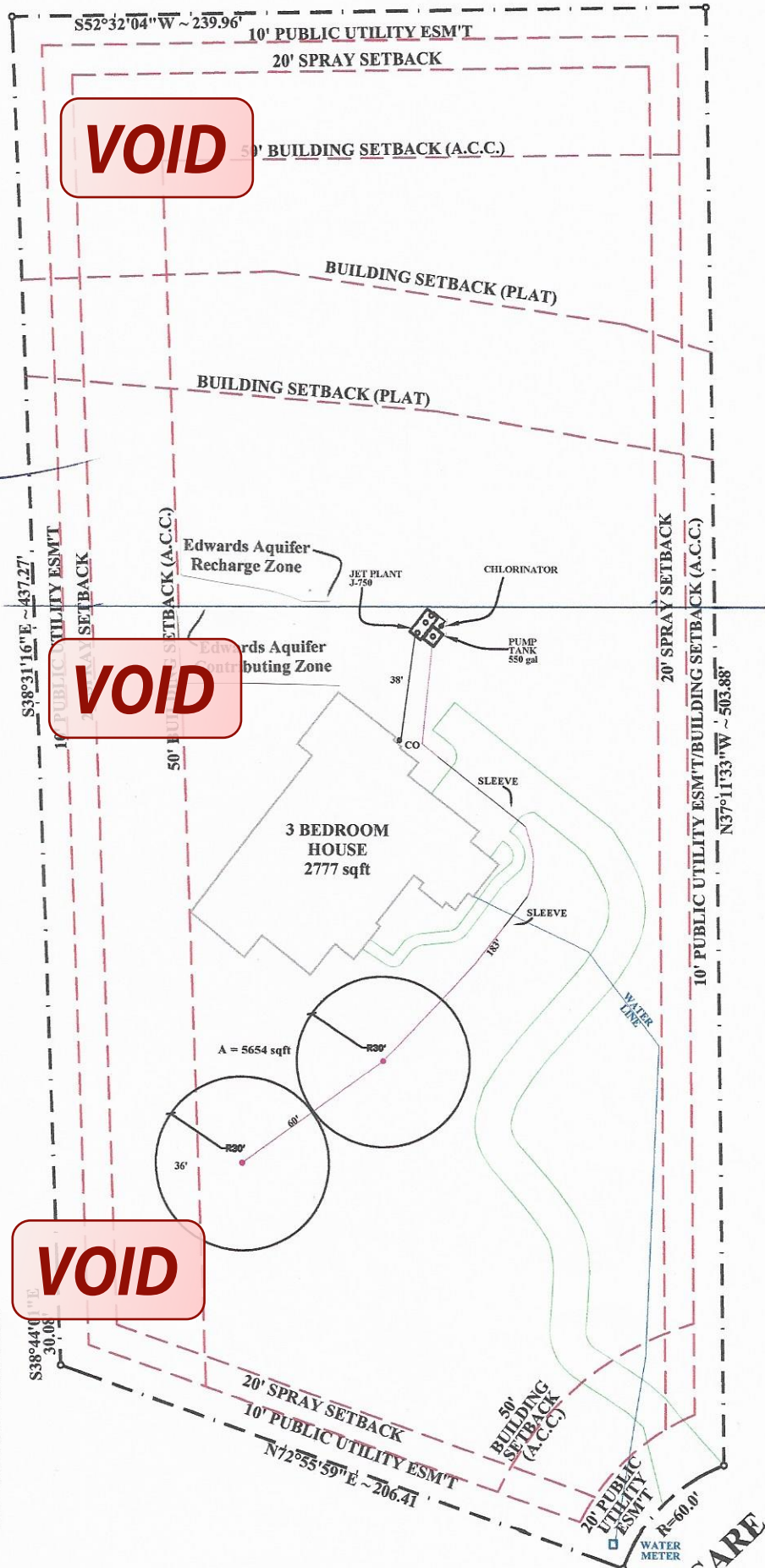


NOTES:

1. THIS DESIGN MEETS ALL OF THE REQUIREMENTS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY OSSF REGULATIONS AND THE ORDERS OF COMAL COUNTY AND WILL NOT CAUSE A NUISANCE OR HEALTH HAZARD
2. ALL SPRINKLERS ARE HUNTER PGP-ARV-LA OR K-RAIN PROPLUS
3. 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
4. NO PHYSICAL DRAINAGE FEATURE ON PROPERTY WHICH WOULD REQUIRE SPECIAL PROTECTIVE MEASURES

SYSTEM DESIGN
FOR
2117 Passare
Lot 1175
Vintage Oaks at the Vineyard 9
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.: 7045R1 REVISED: 14 NOV 2019



PASSARE

SOUTH TEXAS WASTEWATER TREATMENT

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

VOID

15 February 2019
Revised 25 July 2019

JET HOME WASTEWATER TREATMENT SYSTEM DESIGN SPRINKLER SYSTEM

REVISED

1:30 pm, Aug 20, 2019

Hardy J Gex & Nancy Jo L Goldie
27702 Linden Ridge Ln
Fulshear TX 77441
c/o T A French Custom Builders

Site: 2117 Passare
Lot 1175
Vintage Oaks @ The Vineyard 9
Comal County, Texas

This design includes an attached drawing No. 7045R0 dated 11FEB 2019, RCC
Design Specifications:

Estimated average daily wastewater flow: 3 Bedroom [2,777 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: 234 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 2,777 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:

$$A = 5594 \text{ sq ft}$$

VOID



5 Aug 19
[Handwritten signature]

REVISED
1:30 pm, Aug 20, 2019



5/20/19
[Handwritten Signature]

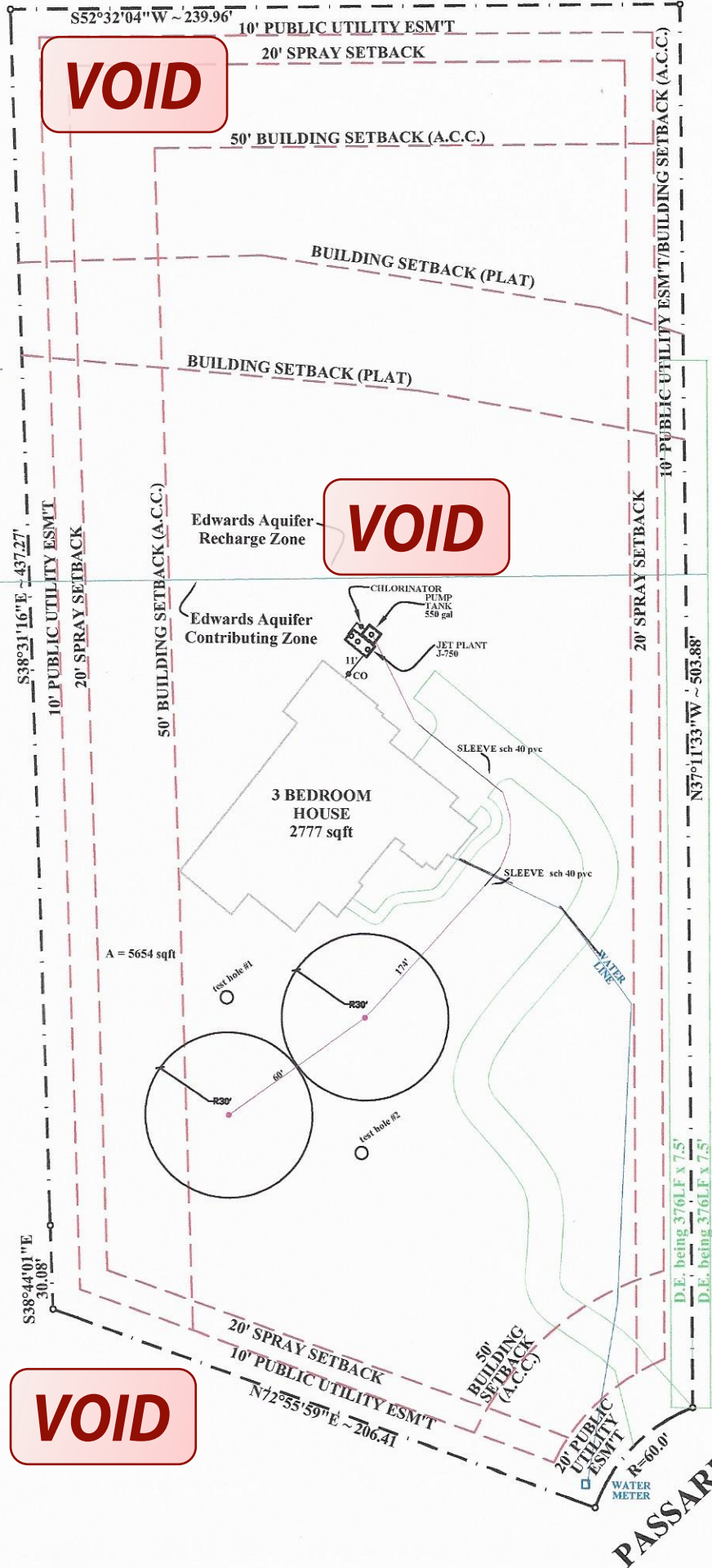


NOTES:

1. THIS DESIGN MEETS ALL OF THE REQUIREMENTS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY OSSF REGULATIONS AND THE ORDERS OF COMAL COUNTY AND WILL NOT CAUSE A NUISANCE OR HEALTH HAZARD
2. ALL SPRINKLERS ARE HUNTER PCP-ARV-LA OR K-RAIN PROPLUS
3. ANY CROSSING OF WATER LINE & SPRAY LINE WILL BE SLEEVED 10" ON EACH SIDE OF WATER LINE OR A BACK-FLOW PREVENTION DEVICE WILL BE INSTALLED
4. NO PHYSICAL DRAINAGE FEATURE ON PROPERTY WHICH WOULD REQUIRE SPECIAL PROTECTIVE MEASURES

SYSTEM DESIGN
FOR
2117 Passare
Lot 1175
Vintage Oaks at the Vineyard 9
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.: 7045R0 DATE: 11 FEB 2019 RCC



VOID

PASSARE

Hernandez, Sandra

From: Hernandez, Sandra
Sent: Thursday, July 25, 2019 11:28 AM
To: 'bonnie@stwastewater.com'
Subject: 109422 deficiency comments

RE: Vintage Oaks at the Vineyard, Unit 9, Lot 1175

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

- 1 ✓ Based on the Comal County GIS site, it appears that the referenced property is located over the Edward's Aquifer Recharge and Contributing zone.
- 2 ✓ Show the Edward's Aquifer and Contributing zone boundaries on the site plan.
- 3 ✓ Indicate how the property is exempt from a WPAP.
- 4 ✓ The recorded plat indicates that there is a 15 foot drainage easement on the property that is not shown on the site plan.
- 5 ✓ Indicate the type of equivalent protection to be used where supply line and water line cross, and for supply line that is underneath the driveway.
6. Revise accordingly and resubmit.

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

Thank you,

*Sandra Ann Hernandez
Environmental Health Asst.
Comal County Engineer's Office
cceo.org
830-608-2090 (Ext. 3156)*

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

VOID

Planning Materials & Site Evaluation as Required Donald 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) 2654

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.)

RECEIVED

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

JUL 18 2019

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

COUNTY ENGINEER

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

VOID

(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: _____

VOID

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

Date

Page 2 of 2

SOUTH TEXAS WASTEWATER TREATMENT

Authorized J.E. Commercial - Engineering Services
P O Box 1284 Boerne, Texas 78006 * 830-249-8098 or 1-800-86 WASTE

VOID

SITE EVALUATION INFORMATION SHEET

Hardy J Gex & Nancy Jo L Goldie
27702 Linden Ridge Ln
Fulshear TX 77441
c/o T A French Custom Builders

Site: 2117 Passare
Lot 1175
Vintage Oaks @ The Vineyard 9
Comal County, Texas

Date Site Evaluation Performed: 06 February 2019

Within 100 year Flood zone No, FIR Map 48091C0245F
Edwards Recharge Zone: No, USGS map Index map

Profile Holes: 8-10" gravelly, light brown/dark tan, silty clay w/fractured limestone from surface.
Some larger areas of standing water left. Soil does not drain well at all.

VOID

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

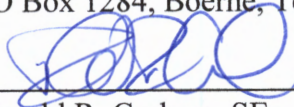
Clay 40% or more x

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.

VOID

This site evaluation was performed 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

2/19/19

Date

RECEIVED
JUL 18 2019
COUNTY ENGINEER

SOUTH TEXAS WASTEWATER TREATMENT

Authorized JET Distributor - Home and Commercial - Engineering Services
P O Box 1284 Boerne, Texas 78006-0284 817-8098 or 1-800-86-WASTE

VOID

15 February 2019

JET HOME WASTEWATER TREATMENT SYSTEM DESIGN SPRINKLER SYSTEM

Hardy J Gex & Nancy Jo L Goldie
27702 Linden Ridge Ln
Fulshear TX 77441
c/o T A French Custom Builders

Site: 2117 Passare
Lot 1175
Vintage Oaks @ The Vineyard 9
Comal County, Texas

This design includes an attached drawing No. 7045R0 dated 11FEB 2019, RCC
Design Specifications:

Estimated average daily wastewater flow: 3 Bedroom [2,777 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: 234 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 2,777 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 20' radius, both spraying a full circle, slightly overlapping. The area as measured by

VOID

$$A = 5594 \text{ sq ft}$$

RECEIVED
JUL 18 2019
COUNTY ENGINEER



19 Feb 19
[Signature]

VOID

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.

VOID

RECEIVED
JUL 18 2019

Flood Prone Areas

The subject lot is not in a flood prone area according to National Flood Insurance Program FIR Map community-panel Number 48091C0245F. 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 Contributing Zone of the Edwards Aquifer. No CZP was found for review

COUNTY ENGINEER

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.



19 Feb 19
[Signature]

This system designed by:

South Texas Wastewater Treatment
Ronald R. Graham, Registered Sanitarian
Registration Number 3741 State of Texas
PO Box 128

VOID

Ronald R. Graham, RS

February 19, 2019
Date

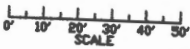
Attachments:

Drawing No. 7045R0 dated 11 FEB 2019, RCC

VOID



15 Feb 19
[Signature]

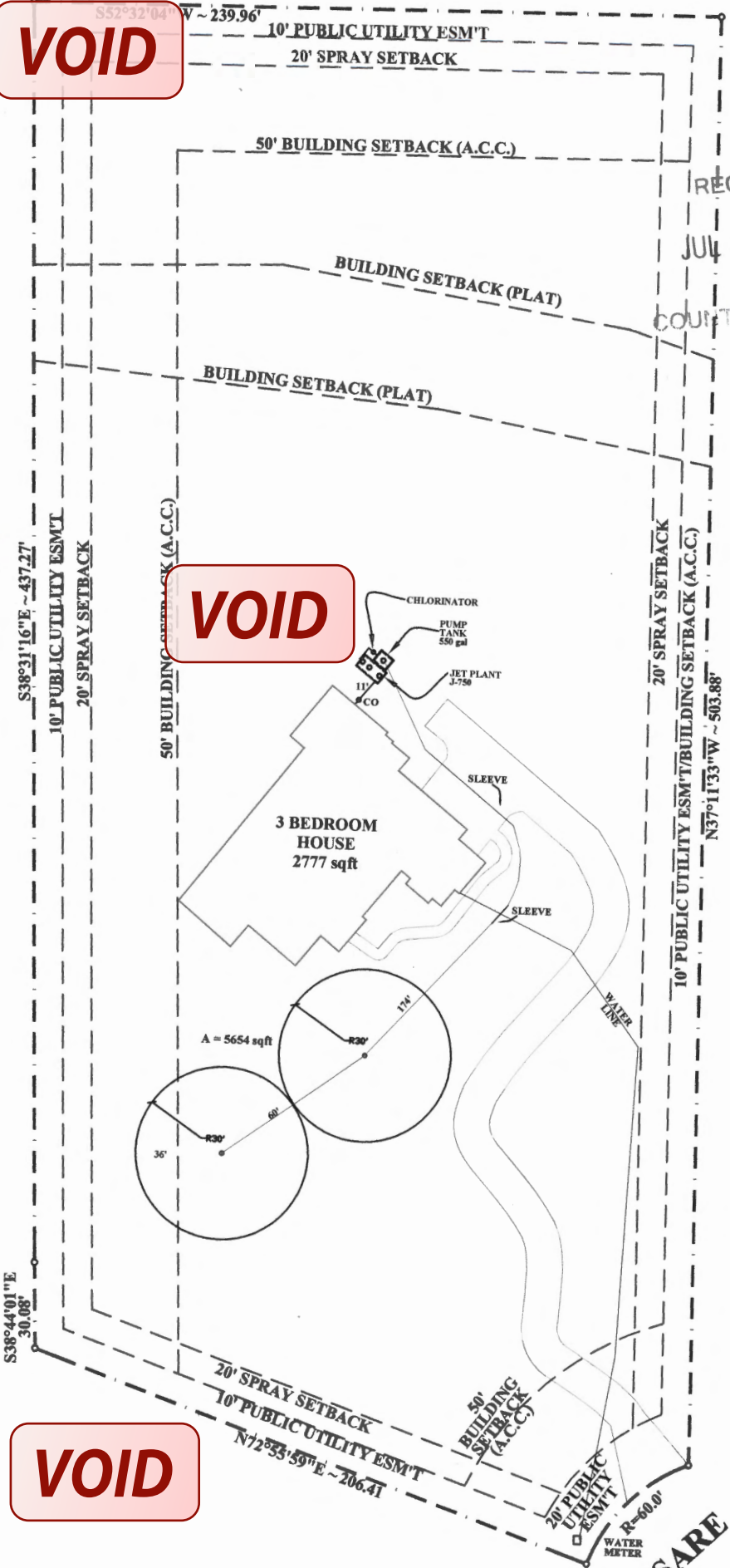


NOTES:

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

SYSTEM DESIGN
FOR
2117 Passare
Lot 1175
Vintage Oaks at the Vineyard 9
COMAL COUNTY, TEXAS
BY
RONALD R. GRAHAM R.S. 3741
SOUTH TEXAS WASTEWATER TREATMENT
P.O. BOX 1284 BOERNE, TX 78006
830-240-8008

DRAWING NO.: 7045R0 DATE: 11 FEB 2019 RCC



VOID

VOID

RECEIVED
JUL 18 2019

COUNTY ENGINEER

PASSARE

2-15320 BD
FILED BY 3H
PRESIDIO TITLE Tm (4)

↑ 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 WITH VENDOR'S LIEN

RECEIVED

THE STATE OF TEXAS

§
§
§

KNOW ALL MEN BY THESE PRESENTS: JUL 18 2019

COUNTY OF COMAL

COUNTY ENGINEER

GRANTOR: SOUTHSTAR AT VINTAGE OAKS, LLC
P. O. Box 630105
Irving, Texas 75063-0105

GRANTEE: HARDY JACKSON GEX and NANCY JO LACEY GOLDIE
27702 Linden Ridge Lane
Fulshear, Texas 77441-2123

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, and in the further consideration of the execution by Grantee of that one certain Promissory Note of even date herewith secured by the Real Property described herein in the original principal sum of ONE HUNDRED SEVENTY-TWO THOUSAND, FORTY AND NO/100 DOLLARS (\$172,040.00) payable to the order of OZONA NATIONAL BANK – WIMBERLEY BRANCH (hereinafter the "Lender"), payable as therein provided, containing the usual clauses providing for acceleration of maturity and attorney's fees, the payment of which note is secured by the vendor's lien herein retained, and is additionally secured by a deed of trust of even date herewith to JOSEPH J. MALONE, Trustee, P. O. Box 727, Wimberley, Texas 78676, the receipt of which is hereby acknowledged and confessed;

WHEREAS, Lender has, at the special insistence and request of Grantee, paid to Grantor the sum of ONE HUNDRED SEVENTY-TWO THOUSAND, FORTY AND NO/100 DOLLARS (\$172,040.00) of the purchase money for the Property described below, and as represented by the above described Promissory Note of even date herewith. The vendor's lien against said Property securing payment of said Promissory Note is without recourse upon Grantor herein, and is hereby assigned transferred and delivered to Lender. The Grantor hereby conveying to said Lender the superior title to said Property, and subrogating the Lender unto all the rights and remedies of Grantor in the Property by virtue of said Promissory Note and liens 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 1175, VINTAGE OAKS AT THE VINEYARD, UNIT 9, Comal County, Texas, according to plat thereof recorded in Document #201506011975, Map and Plat Records of Comal County, Texas (hereinafter referred to as the "Property").

As additional consideration, Lender has, at the insistence and request of Grantee, paid to Grantor a portion of the face value of the Note (pursuant to the terms



SOUTHSTAR AT VINTAGE OAKS, LLC

TO

HARDY JACKSON GEX and
NANCY JO LACEY GOLDIE

of a separate agreement between Grantee and Lender), and the Vendor's Lien against the Property securing payment of the Note, is without recourse upon Grantor, hereby SOLD, ASSIGNED AND TRANSFERRED to Lender, the Grantor hereby conveying to Lender the superior title to the Property, and subrogating the Lender unto all the rights and remedies of Grantor in the Property by virtue of the Note and liens.

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.

But it is expressly agreed that the vendor's lien, in favor of Grantor as assigned to Lender is granted against the Property until the Note, and all interest thereon, is fully paid when this Deed shall become absolute.

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:

1. Subject to the Declaration of Conditions, Covenants and Restrictions for Vintage Oaks at the Vineyard, recorded at Clerk's Document #200706000771, annexed by Document #201506012054, amended or supplemented by Document #201406032083, Document #201406037322, Document #201406036864, Document #201106044284 and the Assignment of Declarant Rights filed at Document #201206016339, Official Real Property Records, Comal County, Texas.
2. Subject to those items, restrictions, building setback lines, easements and Notes shown on the plat recorded in Document #201506011975, Official Map and Plat Records of Comal County, Texas as well as those setbacks included/described in the Declaration of Conditions, Covenants and Restrictions for Vintage Oaks at the Vineyard and contained in the Guidelines for Vintage Oaks:
 - a. Subject to a 50-foot building setback line from the front and rear property lines.

SOUTHSTAR AT VINTAGE OAKS, LLC

TO

HARDY JACKSON GEX and
NANCY JO LACEY GOLDIE

- b. Subject to a 10-foot side property line building setback except on corner lots wherein the street-side corner shall have a 25-foot setback;
 - c. Subject to a 10-foot wide Public Utility and Drainage easement adjacent to all non-street lot lines.
 - d. Subject to Utility Easement, 20 feet from the front property line and 10 feet from the side and rear property lines.
3. Subject to Easement and Right-of-Way as provided in instrument recorded in Volume 73, Page 101, Deed Records of Comal County, Texas.
4. Underground Utility Easement as provided for in instrument recorded under Clerk's Document #201506005409, Official Public Records, Comal County, Texas.
5. Edwards Aquifer Protection Plan as provided in instrument recorded under Clerk's Document #201506005497, Official Public Records, Comal County, Texas.
6. Seller hereby RESERVES and EXCEPTS all oil, gas and other minerals of every kind and character in, on and under the Property together with all rights appurtenant thereto.

RECEIVED

JUL 18 2019

CLERK RECORDER

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

EXECUTED on the 8 day of July, 2015.

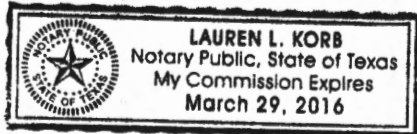
SOUTHSTAR AT VINTAGE OAKS, LLC

By: *Laura Ficco*
Laura Ficco, Assistant Vice President

ACKNOWLEDGMENT

STATE OF TEXAS §
 §
COUNTY OF DALLAS §

This instrument was acknowledged before me on the 8 day of July, 2015, by Laura Ficco, Assistant Vice President of SOUTHSTAR AT VINTAGE OAKS, LLC, Grantor in above Warranty Deed.



Lauren I. Korb
NOTARY PUBLIC, STATE OF TEXAS

AFTER RECORDING RETURN TO:

FILED AND RECORDED

Instrument Number: 201506028460

Recording Fee: 34.00

Number Of Pages: 4

Filing and Recording Date: 07/16/2015 10:47AM

Deputy: LAURA JENDRUSCH

I hereby certify that this instrument was FILED on the date and time stamped hereon and RECORDED in the OFFICIAL PUBLIC RECORDS of Comal County, Texas.

RECEIVED
JUL 18 2019
COUNTY ENGINEER

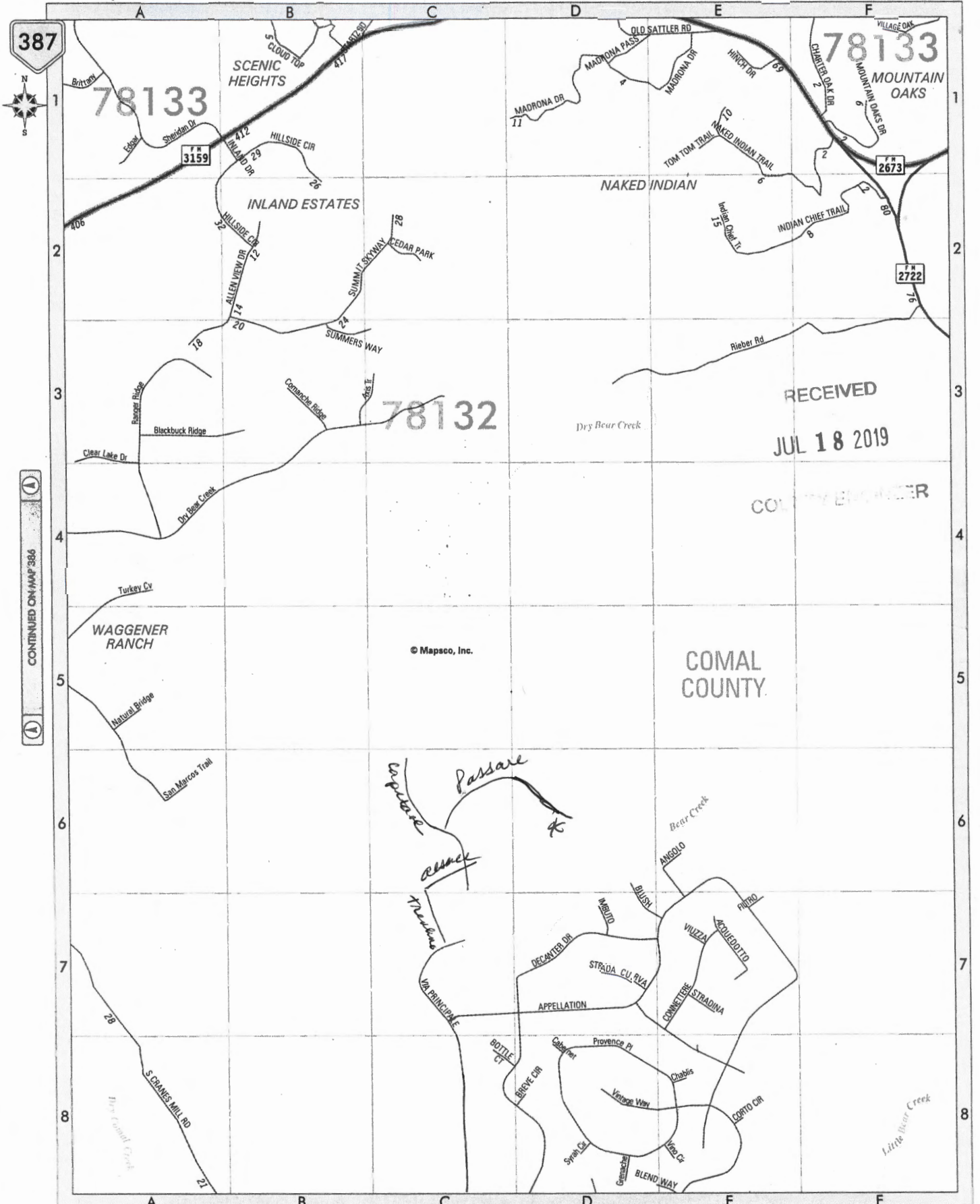


Bobbie Koepf

Bobbie Koepf, County Clerk
Comal County, Texas

NOTICE: It is a crime to intentionally or knowingly file a fraudulent court record or instrument with the clerk.

DO NOT DESTROY - *Warning, this document is part of the Official Public Record.*

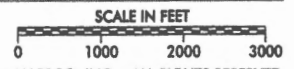
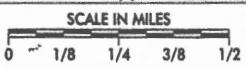


CONTINUED ON MAP 386

RECEIVED
JUL 18 2019
COUNTY ENGINEER

© Mapsco, Inc.

COMAL COUNTY



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

RECORDED
JUL 18 2019

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.

Donna Ballquist
Signature of Applicant

16 July 2019
Date

___ COMPLETE APPLICATION	
Check No. _____	Receipt No. _____

___ 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: Jack & NancyJo Gex
2117 Passare
New Braunfels, TX 78132

Printed: 6/17/2020
Site: 2117 Passare
New Braunfels, TX 78132
(832) 403-0022

Permit #: **109422** Customer ID: 7045
Agency: Comal County Environmental Contract Dates: 2/15/2020 - 2/15/2022
County: Comal Sub: Vintage Oaks @ the Vineyard 9 Scheduled Date: 6/15/2020 Inspection 1 of 6
Mfg / Brand: Jet, Inc. - J-750- 2 yr Installed: 2/15/2020
Treatment Type: Aerobic Aerator S/N: JAN2000068 Warranty End: 2/15/2021
Disposal: Surface Application

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 6/3/2020

Time In: 2:35

Out: 3:05

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.

Service Completed

Insf ID #:493989

Provider: R. Bruce Cobabe

R. Bruce Cobabe



License #: MP0000572

Expires: 11/30/2020

South Texas Wastewater Treatment
PO Box 1284
Boerne, TX 78006

Phone: (830) 249-8098

bruce@stwastewater.com

To: Jack & Nancy Jo Gex
27702 Linden Ridge Lane
Fulshear, TX 77441

Printed: 11/2/2021
Site: 2117 Passare
New Braunfels, TX 78132
(832) 403-0022

Permit #: **109422** Customer ID: 7045
Agency: Comal County Environmental Contract Dates: 2/15/2020 - 2/15/2022
County: Comal Sub: Vintage Oaks @ the Vineyard 9 Scheduled Date: 10/15/2021 Inspection 5 of 6
Mfg / Brand: Jet, Inc. - J-750- 2 yr Installed: 2/15/2020
Treatment Type: Aerobic Aerator S/N: JAN2000068 Warranty End: 2/15/2021
Disposal: Surface Application

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: **9/25/2021**

Time In: 10:04

Out: 10:57

Entered By: Shauna Cobabe

Method: **Grab**

Copy emailed to Customer

Customer Emailed: 10/26/2021

Technician: Todd Caron - MT0001158

Maint. Provider: R. Bruce Cobabe

Aerators: Operational

Sludge Levels

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

For Tank 3: 0"

Chlorine Supply: Operational

Chlorine Residual: 1.0 mg/L

Added Chlorine Amount: 12

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

Service Completed

- Technician Secured the Tank Lid and/or Riser prior to leaving location.
- Serviced
- Tech performed walk through with homeowner. - Copy emailed to the customer on 10/26/2021.

Insp ID #:510737

Provider: *R. Bruce Cobabe*

R. Bruce Cobabe

License Info: MP0000572 Expires: 11/30/2023

License Info: MT0001158 Expires: 4/30/2022

South Texas Wastewater Treatment
PO Box 1284
Boerne, TX 78006

Phone: (830) 249-8098

bruce@stwastewater.com

To: Jack & Nancy Jo Gex
27702 Linden Ridge Lane
Fulshear, TX 77441

Printed: 3/10/2022
Site: 2117 Passare
New Braunfels, TX 78132
(832) 403-0022

Permit #: **109422** Customer ID: 7045
Agency: Comal County Environmental Contract Dates: 2/15/2020 - 2/15/2022
County: Comal Sub: Vintage Oaks @ the Vineyard 9 Scheduled Date: 2/15/2022 Inspection 6 of 6
Mfg / Brand: Jet, Inc. - J-750- 2 yr Installed: 2/15/2020
Treatment Type: Aerobic Aerator S/N: JAN2000068 Warranty End: 2/15/2021
Disposal: Surface Application

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 2/28/2022

Time In: 2:30

Out: 2:57

Entered By: _

Method: Grab

Copy emailed to Customer
Customer Emailed: 3/9/2022

Technician: Todd Caron - MT0001158

Maint. Provider: R. Bruce Cobabe

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 1.8 mg/L

Added Chlorine Amount: 6

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

- Technician Secured the Tank Lid and/or Riser prior to leaving location.
 - Bats cleaned during the Scheduled inspection
 - Serviced
- Copy emailed to the customer on 3/9/2022.

Service Completed

Insp ID #: 514987

Provider: *R. Bruce Cobabe*

R. Bruce Cobabe

License Info: MP0000572 Expires: 11/30/2023

License Info: MT0001158 Expires: 4/30/2022

South Texas Wastewater Treatment
PO Box 1284
Boerne, TX 78006

Phone: (830) 249-8098

To: Jack & Nancy Jo Gex
777 S Mayde Creek Dr, #556
Houston, TX 77079

Printed: 7/27/2022
Site: 2117 Passare
New Braunfels, TX 78132
(832) 403-0022

Permit #: **109422** Customer ID: 7045
Agency: Comal County Environmental Contract Dates: 2/15/2022 - 2/15/2024
County: Comal Sub: Vintage Oaks @ the Vineyard 9 Scheduled Date 6/15/2022 Inspection 1 of 6
Mfg / Brand: Jet, Inc. - J-750- 2 yr Installed: 2/15/2020
Treatment Type: Aerobic Aerator S/N: JAN2000068 Warranty End: 2/15/2021
Disposal: Surface Application

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 7/14/2022

Time In: 11:56

Out: 12:23

Entered By: Lynn

Method: Grab

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: 1.1

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 7/27/2022.

Insp ID #: 519020

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: Jack & Nancy Jo Gex
777 S Mayde Creek Dr, #556
Houston, TX 77079

Printed: 12/13/2022
Site: 2117 Passare
New Braunfels, TX 78132
(832) 403-0022

Permit #: **109422**

Agency: Comal County Environmental

County: Comal

Mfg / Brand: Jet, Inc. - J-750- 2 yr

Treatment Type: Aerobic

Disposal: Surface Application

Sub: Vintage Oaks @ the Vineyard 9

Customer ID: 7045

Contract Dates: 2/15/2022 - 2/15/2024

Scheduled Date: 10/15/2022

Aerator S/N: JAN2000068

Inspection 2 of 6

Installed: 2/15/2020

Warranty End: 2/15/2021

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 11/26/2022

Time In: 1:45

Out: 2:56

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: 1.2

Sludge Levels

For Tank 3: 0-1"

Added Chlorine Amount: 6

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

Serviced

Tech conducted a walk-thru with homeowner.

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 12/13/2022.

Service Completed

Insp ID #:522451

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: Jack & Nancy Jo Gex
777 S Mayde Creek Dr, #556
Houston, TX 77079

Printed:5/10/2023
Site: 2117 Passare
New Braunfels, TX 78132
(832) 403-0022

Permit #: **109422** Customer ID: 7045
Agency: Comal County Environmental Contract Dates: 2/15/2022 - 2/15/2024
County: Comal Sub: Vintage Oaks @ the Vineyard 9 Scheduled Date 2/15/2023 Inspection 3 of 6
Mfg / Brand: Jet, Inc. - J-750- 2 yr Installed: 2/15/2020
Treatment Type: Aerobic Aerator S/N: JAN2000068 Warranty End: 2/15/2021
Disposal: Surface Application

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: **4/11/2023**

Time In: 7:35

Out: 8:00

Entered By: Shauna Cobabe

Method: **Grab**

Copy emailed to Customer
Customer Emailed: 5/8/2023

Technician: Todd Caron - MT0001158

Maint. Provider: R. Bruce Cobabe

Aerators: Operational

Sludge Levels

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

For Tank 3: 0"

Chlorine Supply: Operational

Chlorine Residual: 1.6 mg/L

Added Chlorine Amount: 6

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

Service Completed

- Technician Secured the Tank Lid and/or Riser prior to leaving location.
- BATs cleaned during the Scheduled inspection
- Serviced - Copy emailed to the customer on 5/8/2023.

Insp ID #:526337

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: Jack & Nancy Jo Gex
777 S Mayde Creek Dr, #556
Houston, TX 77079

Printed: 9/8/2023
Site: 2117 Passare
New Braunfels, TX 78132
(832) 403-0022

Permit #: **109422**

Agency: Comal County Environmental

County: Comal

Mfg / Brand: Jet, Inc. - J-750- 2 yr

Treatment Type: Aerobic

Disposal: Surface Application

Sub: Vintage Oaks @ The Vineyard 9

Customer ID: 7045

Contract Dates: 2/15/2022 - 2/15/2024

Scheduled Date: 7/15/2023

Aerator S/N: JAN2000068

Inspection 4 of 6

Installed: 2/15/2020

Warranty End: 2/15/2021

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: **8/21/2023**

Time In: 10:55

Out: 12:21

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

Sludge Levels

For Tank 3: 0-1"

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 9/8/2023.

Insp ID #:530371

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

(830) 249-8098

PO Box 1284
Boerne, TX 78006

Printed:1/24/2024

Permit: 109422

Site: 2117 Passare, New Braunfels, TX 78132

Main Phone: 8324030022

Jack & Nancy Jo Gex
777 S Mayde Creek Dr, #556
Houston, TX 77079

Alt Cell: 8327227484
Agency: Comal County Environmental
County: Comal
Subdivision: Vintage Oaks @ The Vineyard 9

System Info: MFG: Jet, Inc. Brand: J-750- 2 yr Customer ID: 7045
Treatment Type: Aerobic Disposal Type: Surface Application Aerator S/N: JAN2000068 Insp ID: 533822
Installed: 2/15/2020 Warranty Expiration: 2/15/2021

Visit Details <----->

Visit Date: 12/19/2023

Entered By: Lynn

Scheduled Date: 11/15/2023

Time In: 12:45

Contract Starts: 2/15/2022

Entered On: 1/24/2024

Time Out: 1:15

Contract Ends: 2/15/2024

Visit Results

Service Type: Scheduled Inspection

Added Chlorine

Count: Inspection 5 of 6

Method: Grab

License #

Expires

Technician: Robert Williams-MT0001160

MT0001160

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 - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 1/24/2024.

Provider: *R. Bruce Cobabe*

R. Bruce Cobabe

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

South Texas Wastewater Treatment

(830) 249-8098

PO Box 1284
Boerne, TX 78006

Printed:1/24/2024

Permit: 109422

Site: 2117 Passare, New Braunfels, TX 78132

Main Phone: 8324030022

Jack & Nancy Jo Gex
777 S Mayde Creek Dr, #556
Houston, TX 77079

Alt Cell: 8327227484
Agency: Comal County Environmental
County: Comal
Subdivision: Vintage Oaks @ The Vineyard 9

System Info: MFG: Jet, Inc. Brand: J-750- 2 yr Customer ID: 7045
Treatment Type: Aerobic Disposal Type: Surface Application Aerator S/N: JAN2000068 Insp ID: 533822
Installed: 2/15/2020 Warranty Expiration: 2/15/2021

Visit Details <----->

Visit Date: 12/19/2023

Entered By: Lynn

Scheduled Date: 11/15/2023

Time In: 12:45

Contract Starts: 2/15/2022

Entered On: 1/24/2024

Time Out: 1:15

Contract Ends: 2/15/2024

Visit Results

Service Type: Scheduled Inspection

Added Chlorine

Count: Inspection 5 of 6

Method: Grab

License #

Expires

Technician: Robert Williams-MT0001160

MT0001160

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 - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 1/24/2024.

Provider: *R. Bruce Cobabe*

R. Bruce Cobabe

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