

Dwayn Boos
On-Site Sewage Facilities
101 W. Main St, Mail Unit #9
Fredericksburg, TX 78624

NOTICE OF APPROVAL OF
On-Site Sewage Facility



Sheryl F Hartcraft
PO Box 2446
Fredericksburg, TX 78624

PERMIT #8187

Property Location: 139 Armory Rd

GILLESPIE COUNTY, TEXAS

This serves to notify all persons that the on-site sewage facility owned by the above has satisfied design, construction, and installation requirements of the Texas Commission on Environmental Quality (TCEQ) and Gillespie County. This Gillespie County On-Site Sewage Facility Permit is issued for the operation of the above-identified on-site sewage facility.

ANY MODIFICATIONS TO THE STRUCTURE, SYSTEM COMPONENTS, OR CHANGES OF OWNERSHIP MAY REQUIRE A NEW PERMIT. The owner must notify this office of the aforementioned changes.

300 GPD = UP TO 4 BEDROOM, < 3500 SQ FT LIVING AREA
PERMIT ON SITE SHOWS 3 BR, < 2500 SF, DESIGNED AND APPROVED FOR 300 GPD.

Title 30 of the Texas Administrative Code, Chapter 285 Order Adopting Rules of Gillespie County, Texas For On-Site Sewage Facilities requires an on-going maintenance contract for an aerobic surface application OSSF.

Dwayn C Boos

Inspector and Gillespie County Designated Representative OS0011257
Dwayn C. Boos

Date July 20, 2020

***Email Mandatory

GATE CODE: n/athartcraft (@) hotmail.com

Gillespie County Application for On-Site Sewage Facility

(Permit application is good for 1 year from purchase date.)

Permit # 8187Date: 7/8/2020Fee: 150.00Reason For Permit (Circle one): New Construction System Replacement System RepairName of Landowner: Hartcraft Sheryl FMailing Address: Po Box 2446 Fredericksburg Tx 78624
(Last Name) (First Name) (MI)
(House # and/or PO Box) (City & State) (Zip Code)Physical Address/Location of new Septic System: 139 Armory Rd
Fredericksburg Tx 78624
(House # & Street Name) (City & State) (Zip Code)Daytime Phone Number(s): 830 450 2734 Cell Number(s): 830 450 2734Legal Description: Volume: Page: Instrument#: 20193539 Gillespie CAD Tax ID # 183135Subdivision Name: GE CO # 700 multiple lots, lot GE310, GE374, GE375 Lot#: Blk: Phase: Tract: Abstract: Survey Name and #: Total Acreage: 5.675 ☒ Private Well ☐ Public Well (Supplier's Name): unnumbered outlot strip armory P.O.P.Name & License # of person installing the Septic System: Paul Hartcraft III OS# 3301Email: phartcraft@yahoo.com Cell #: Information on a Single Family Residence: ☒ House ☐ Mobile Home ☐ ManufacturedTotal Square Footage of Living Area: ☐ <1500 ☒ <2500 ☐ <3500 ☐ <4500 or ☐ # of bedrooms 3, # of bathrooms (Full) 2 (Half) 1 Does it have or will it have water

saving devices such as low flush toilets, reduced flow shower heads or faucets, pressure reducing

valves and/or faucet aerators? ☒ Yes ☐ No Water Softener (Demand-Initiated Regeneration)Circle: Y or NIs the water softener plumbed separate from the OSSF: Y or N n/aInformation on a Non-Single Family Residence or Commercial/Institutional Facility (including Multi-family residences) Describe usage:

I certify that the above statements are true and correct to the best of my knowledge. Authorization is hereby given to Gillespie County OSSF Department to enter upon the above described property for the purpose of soil/site evaluation and investigation of an on-site sewage facility.

Sheryl Hartcraft
(Signature of Landowner)

(Date)

7/7/2020

Office use only:

Daily wastewater usage rate: Q= 300 (gallons/day)☒ Site Evaluation
☒ Planning Materials submitted by: ☐ Installer ☐ P.E. ☒ R.S.☐ Development Plans required for Subdivisions, Manufactured Housing Communities, Multi-Unit Residential Development, Business Parks, or other similar uses (i.e. B&B Rental, R.V. Park)☐ Floodplain and/or Development Permit /

For Aerobic Treatment units and non-standard treatment (If applicable):

☒ Affidavit to the Public
☒ Two-year Maintenance Contract☒ AUTHORIZATION to CONSTRUCTDate: July 13, 20207/14/2020



Robert D. Hall, R.S. 1971
36 Blaschke Rd.
Comfort, TX 78013
830-995-2781

OSSF DESIGN & INSPECTION

Application #:

Date: July 6, 2020

Owner & Address

Installer

Terry Hartcraft

Paul Hartcraft, III

PO Box 2446

752 Eberle Lane

Fredericksburg, TX 78624

Fredericksburg, TX 78624

Property Description

Location: Gillespie Co.; GE Co#700: GE370, GE374, GE375, UNMBR OUTLOT STRIP;
139 Armory Rd

Plat Provided: { } Yes {x} No

Water System: { } Public {x} Private

Acreage (approximate): 5.675

Drainfield Slope (approximate): <3 %

Well Log required? () Yes (x) No

Well Log provided () Yes (x) No

SITE EVALUATION & SOIL ANALYSIS: Paul Hartcraft, III

Test Site #1 (Surface down):

Horizon Depth (inches)	Textural Analysis TCEQ Class #	Textural Description	Structural Analysis TCEQ Designation
0 to 6	3	sandy clay loam	blocky
7 to 24	4	clay	blocky

Test Site #2 (Surface down):

Horizon Depth (inches)	Textural Analysis TCEQ Class #	Textural Description	Structural Analysis TCEQ Designation
0 to 6	3	sandy clay loam	blocky
7 to 24	4	clay	blocky

Method of Analysis: field texture

Depth to restrictive layer (inches): 7"

Type: clay

Site Limitations (check all that apply)

- | | | |
|-------------------------------------|--|---|
| ☐ Slope | ☐ Property size | ☐ Surface water |
| ☐ Setbacks | ☐ Suitable Soil Depth | ☐ Seasonal Groundwater |
| ☐ Floodplain | ☒ Soil Class | ☐ Well location |

Certification of Approval
Final Inspection PERMIT # 8187

Date: July 20, 2020

Approved by: Dwain C Boos

- I. Sewer (House Drain): ☒ 3" Sch 40 ☐ 4" Sch 40 ☐ Other: 3" SCH 80
Slope of sewer pipe to tank ☒ minimum of 1/8"/ft.
☒ Cleanouts every 50 ft. and with 5 ft. of 90° bends

- II. Treatment: ☐ Conventional Tanks ☒ Aerobic ☐ Other: _____

TANKS SIZE AND COMPARTMENTS	SERIAL#	RISER	MANUFACTURER
1. <u>AQUA AIRE 500 4075</u>	<u>AA75719</u>	<u>Y/N</u>	<u>BUCHANAN SEPTIC</u>
2. <u>A</u>	_____	<u>Y/N</u>	_____
3. _____	_____	<u>Y/N</u>	_____
4. _____	_____	<u>Y/N</u>	_____

- III. Disposal Field ☐ Conventional Gravel ☐ Leaching Chambers (Brand) _____
☐ Low-Pressure Pipe ☐ Mounds ☐ Gravel-Less Pipe ☐ Pressure Emitters (drip)
☐ ET Beds ☐ Other: _____
Subsurface Disposal: _____

LENGTH OF TRENCH	WIDTH	HEIGHT OF MEDIA	CREDIT	SQUARE FEET AREA= LENGTH X CREDIT
1. _____ ft.	_____ ft.	_____ ft.	_____	_____ Sq.ft.
2. _____ ft.	_____ ft.	_____ ft.	_____	_____ Sq.ft.

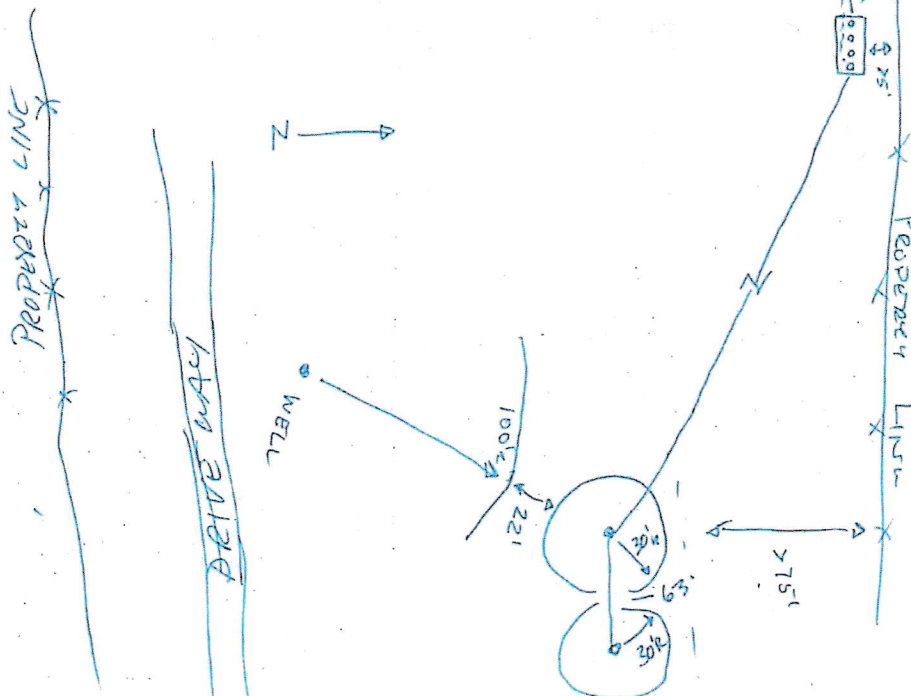
- IV. Surface Disposal (Application):
Loading Rate: 0.064

Timer installed ----- Y/N
Anti-siphon Hole used ----- Y/N
Check valve used ----- Y/N

- V. Map of System: GPS UTM 14 R
Not to Scale

TABLET CHLORINATOR
NORWECO LF1000
SH10044122

COMPRESSOR JA380
JETIC AIRE



TYPES OF OSSF SUITABLE TO THIS SITE

{ } Standard OSSF { } Non-Standard OSSF {x} Proprietary OSSF

Describe: Aerobic OSSF with spray disposal and a "demand" pump switch.OSSF DESIGNFULL DESIGN ATTACHEDSoil Application Rate: 0.064 g/ft²/dTCEQ Soil Class: 4Wasteload: 300 gpdBased on: 4 br house, <3,500 ft², w/water saving devices

Treatment type: { } standard { } non-standard {x} proprietary

Disposal type: { } standard {x} non-standard { } proprietary

Proprietary System: Aqua Aire AA 500-4075

Trash Chamber

500 gpd, Class I Aerobic unit

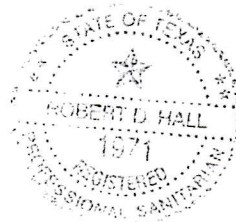
Norveco LF-1000 Tablet Chlorinator

Pump Chamber

Demand switch

Alarm

Drainfield:

Surface application area required: 4,688 ft²This design: 5,654 ft²S1: 2,827 ft² r = 30'S2: 2,827 ft² r = 30'Designed by: [Signature]R.S. 1971: OS 7232 Date: 7/06/20*Design based on the data provided. The designer's liability is limited to the designer's fee.*