

**KENDALL COUNTY**

**Private On-Site Sewage Facility (OSSF) Licensed in Kendall County, Texas**

Property Owner David Krieger Installer/Lic.# Pete Morales / OS310

Physical Location 1760 Grape Creek Rd / Fredericksburg 78624

No. Bedrooms 1 or Sq. Ft. of House 1500 of Gal/Day 100

Application rate for surface irrigation \_\_\_\_\_ loading rate based on soil type 2

Class No. III Trench Req. Sq. Ft. 900

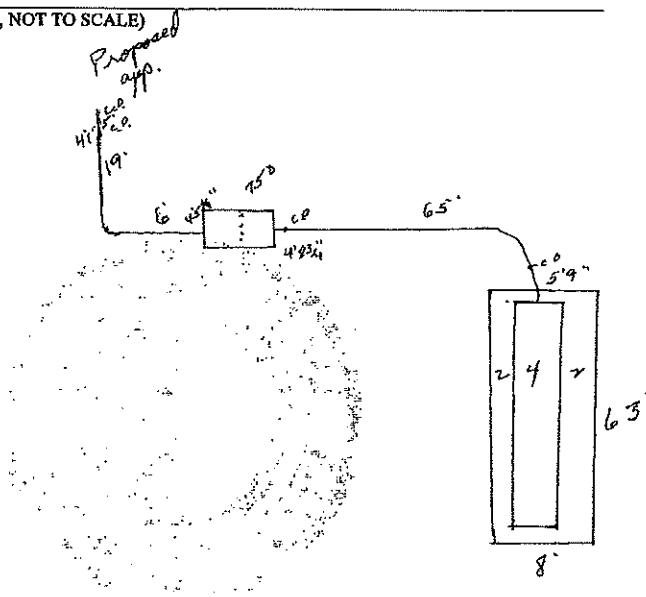
Gallon Capacity Req. for Concrete Septic Tank 250 dual

**Installed:**

Length: 63 Width: 8 Sq. Ft. 630 Bed:  Trench: \_\_\_\_\_

**Remarks:**

(Sketch below is of approximate distances, NOT TO SCALE)



This serves to notify all persons that the OSSF owned by the above has satisfied design, construction and installation requirements of TCEQ and Kendall County. This OSSF Permit is issued for the operation of the above-identified physical location.

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

Kendall County, The Texas Department of Health, or their agents or designees, makes no representation that the OSSF herein licensed will provide satisfactory service to the premises served. It will be the licensee's responsibility to make any changes or modifications which operating experience may show to be necessary in order for the OSSF to provide satisfactory service. Septic distances meet minimum Texas Department of Health separation distances in most instances. Some renovations may be less if repaired or replaced in the same general area as the pre-existing system being renovated.

LICENSE TO OPERATE GRANTED & APPROVED: Sanford Jennings 12-2-2013  
Sanford Jennings/Designated Representative/OS7811 / Date

11/19/2013  
1:47 PM  
Standard System

# ON-SITE SEWERAGE FACILITY DESIGN CRITERIA

Dave Krieger

## Property Information:

St. Address: 1760 Grape Creek  
City: Fredericksburg State: Texas  
Zip code: 78624

## Predicted Quantity of Sewage (Q)

Water Saving Devices in Home (y/n): yes  
Gallons/day (Q): 100  
Greywater included (yes/no): yes

## Rate of Adsorption (Ra)

Application rate (g/sq. ft): 0.2  
Minimum Adsorptive Area in (sq. ft.): 500

## Supply Line from House

Total length of supply line (approx. ft): 12  
Type of supply line: min Sch 40  
Size of Supply line (in): 3 or 4

## Septic Tank Capacity

Block Creek Concrete Products tank  
(830) 995-3189 or equivalent: 1  
Minimum total tank volume (gallons): 750  
1st compartment size (gallons): 500  
2nd compartment size (gallons): 250

## House Information

No. of Bedrooms: 1  
Sq. footage (Approx.): <1500  
gallons per day: 100  
Water Supply: Well

## Supply Line From Tank & Lateral Lines

Length of supply line (approx. ft): 81  
Type of supply line: min of SDR 35  
Size of supply line (in): 4  
Type of laterals: pipe and gravel  
Total Length of manifold (ft.): 4  
Manifold placement: end

## Bed Information

Square feet of bed required: 500  
Square feet of bed installed: 516  
No. of rows of pipe in bed: 2  
Backfill material: Class 1b, II, III  
Bed depth (in): 18  
Bed length (ft): 50  
Bed width (ft): 8  
Gravel under lateral (min in): 6  
Minimum total gravel depth (in): 12

All design criteria is in accordance with TCEQ, Title 30, TAC Chapter 285, Subchapter D, On-Site Sewage Facilities (Effective September 11, 2008). The above design was based on the best available information and should function properly under normal operating conditions. All changes or modifications made to design must be approved by the below signed designer.



Hoyt Seidensticker, R.S. No. 3588

Land Stewardship Services, 1822 FM 473, Boerne, Texas 78006

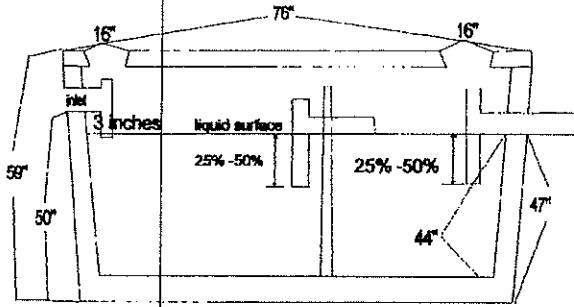
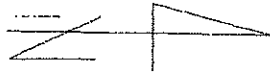
Cell (210) 414-6603, Fax (830) 336-4697

11-19-13  
Date



Effective Immediately: If any change(s) are made that require a revision to this design, a \$75.00 fee will be assessed. This includes, but not limited to, change(s) in the house size, number of bedrooms, location of house or one type of system to another.

Scale 1" = 40'



CROSS SECTION OF 750 GALLON DUAL SEPTIC TANK

Soil Absorptive bed that is 8' wide by 50' long with two rows of perforated pipe laid on 2' centers

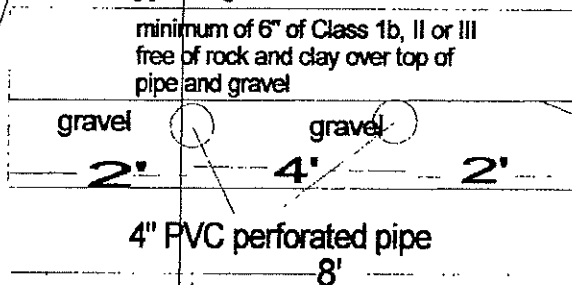
Site Map  
 Standard Disposal System  
 with Septic Tank Treatment  
 Dave Krieger  
 1760 Grape Creek Road  
 Fredericksburg, Texas 78624  
 Kendall County

shop with  
 1 bedroom  
 apartment  
 <1500 sq.ft.  
 100 gpd

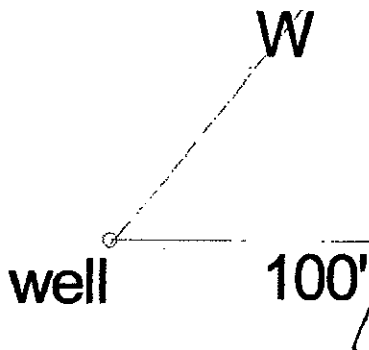
750 gallon dual septic tank

Risers must be permanently fastened to the tank lid or cast into the tank. The connection between the riser and the tank lid must be watertight. Risers must be fitted with removable watertight caps and protected against unauthorized intrusions by either a padlock, a cover that can be removed with specialized tools, a cover having a minimum net weight of 29.5 kilograms (65 pounds) set into a recess of the tank lid, or any other means approved by the executive director.

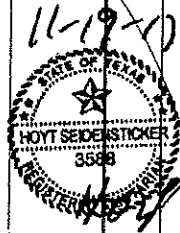
Septic tanks buried more than 12 inches below the ground shall have risers over the port openings. The risers shall extend from the tank surface to no more than six inches below the ground. A secondary plug, cap or other suitable restraint system shall be provided below the riser cap to prevent tank entry if the cap is unknowingly damaged or removed.



Cross Section of Absorptive Bed using Pipe and Gravel



100 yr flood plain does not exist on this tract



# COUNTY OF KENDALL

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## Authorization to Construct An On-Site Sewerage Facility

PERMIT # S9029

Property Owner      David Krieger  
Property Location    1760 Grape Creek Rd  
                                 Fredericksburg 78624

This serves to notify all persons that the Kendall County Development Management office has received from the property owner, an on-site sewage facility permit application, related technical data, and the appropriate fee. The application has been reviewed for technical and administrative consideration against the standards set forth by TCEQ and Kendall County. Approval is hereby granted for the construction as shown on the submitted plans.

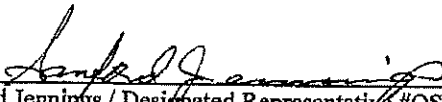
**ANY MODIFICATIONS TO PLANS SUBMITTED REQUIRE APPROVAL BY THE DEVELOPMENT MANAGEMENT OFFICE PRIOR TO INSTALLATION.**


You or your installer must contact the approving Development Management office **FIVE (5) WORKING DAYS PRIOR** to completion to arrange the required facility inspection. The authorization to construct is valid for one year from the date of issue. If a final inspection has not been performed within one year of issue, a new application and fee will be required.

Comments

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Sanford Jennings / Designated Representative #OS7811

 11-20-2013  
Date