

KENDALL COUNTY

Department of
DEVELOPMENT MANAGEMENT
201 East San Antonio Street, Suite 100
Boerne, Texas 78006
Telephone: (830) 249-9343 Ext. 201

FILE # S 7010

SEPTIC FORM

Private Sewage Facility (Licensed) in Kendall County, Texas

APPLICANT INFORMATION:

Property Owner Denise Balcik Installer/Lic.# Home Owner
(Licensee)

Subdivision or Location 3408 Hope Creek Road
2 houses

No. Bedrooms 2 + 2 or Sq. Ft. of House 1500 + 1500 of Gal/Day 360

Application rate for surface irrigation _____ loading rate based on soil type .2

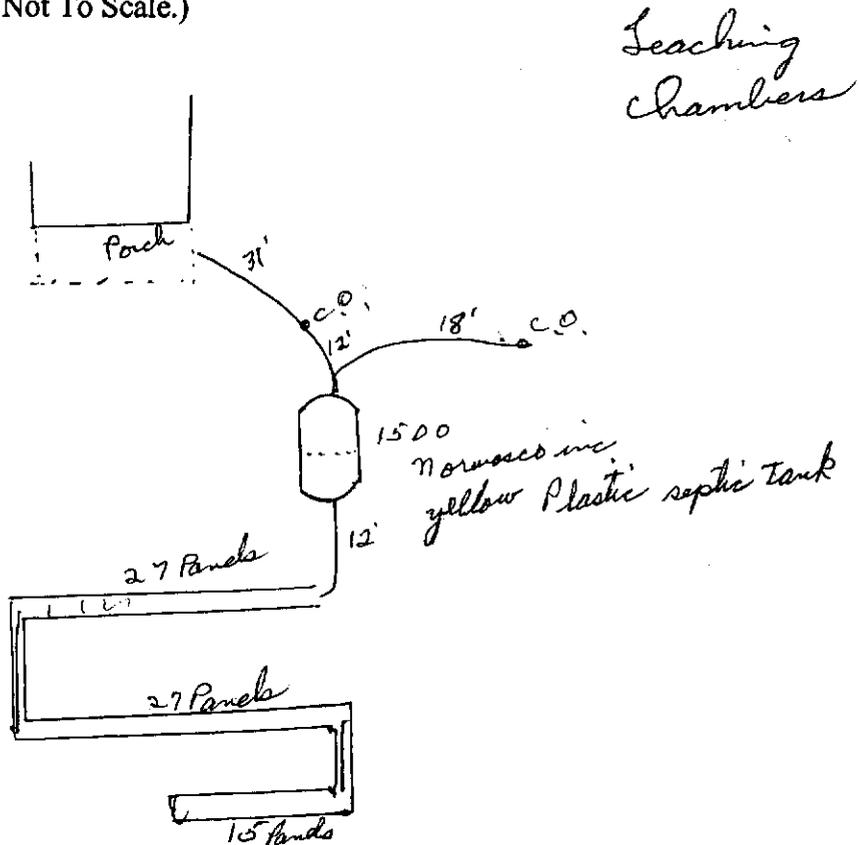
Class No. III Trench Req. Sq. Ft. 1800 Aerobic Type _____

Gallon Capacity Req. for Concrete Septic Tank 1500 normesco inc - 2 compartment

Installed: Length 276' 69 Panels 4' ea Width 3

Sq. Ft. 1350 Bed _____ Trench ✓

Remarks: _____
(Sketch of Approximate Distances, Not To Scale.)



The County of Kendall, The Texas Department of Health, or their agents or designees, makes no representation that facilities 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 these facilities 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.

PERMIT (LICENSE) GRANTED AND APPROVED THIS DATE 6-27-05

Sanford Janning
Designated Representative

COUNTY OF KENDALL



Notice of Approval
Of
On-Site Sewerage Facility

PERMIT # S7010

Property Owner Denise Belcik
Property Location 3408 Grape Creek Road
 Fredericksburg, Texas 78624

This serves to notify all persons that the on-site sewerage facility owned by the above has satisfied design, construction, and installation requirements of the TCEQ and Kendall County. This On-Site Sewerage Facility Permit is issued for the operation of the above-identified on-site sewerage 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.

ADDITIONAL INFORMATION:

Sanford Jennings
Sanford Jennings/Designated Representative #OS7811

6-28-05
Date

201 E. San Antonio Street, Suite 100 Boerne, Texas 78006

OSSF CHECK LIST

PERMIT # S7010

Property Owner Denise Belcik
Property Location 3408 Grape Creek Road
Fredericksburg, Texas 78624

CONVENTIONAL

Application Date 3/30/05

XXX Design signed & sealed by RS

Profile holes inspected

FINAL INSPECTION

Tank filled with water
 Tank checked for leaks
 Installer on-site

Inspected by: [Signature]

Comments: _____

AEROBIC

Application Date _____

_____ Design signed & sealed by RS
_____ Affidavit notarized & recorded
_____ Signed maintenance agreement

_____ Maintenance Provider

_____ added to aerobic list

FINAL INSPECTION

_____ Signed maintenance agreement
_____ Electrified
_____ Tank filled with water
_____ Tank checked for leaks
_____ System pre-tested
_____ Installer on-site

Installer: Homeowner Phone #: 830-997-8908096

Inspection Day: Mon Inspection Date: 6-27-05 Inspection Time: 9:30

Inspection Day: _____ Inspection Date: _____ Inspection Time: _____

830-997-8096 (call first)

FAX NUMBER: _____ HO

HO mailing address: _____

KENDALL COUNTY

SEPTIC REGISTRATION APPLICATION

Application effective for 1 year from this date

MAR 30 2005

S 7010
Septic Registration #
4
Precinct#

201 E. San Antonio Street, Suite 100 / Boerne, Texas 78006
(830) 249-9343
(830) 249-6206 / fax

I hereby make application to construct and operate a private sewage facility in Kendall County, Texas as required by the Texas Commission on Environmental Quality (TCEQ) and Kendall County OSSF Construction Standards.

Authorization is hereby given to Kendall County, TCEQ, or their agents or designees, singly or jointly, to enter upon the property on which the proposed private sewage facility that I am applying for in this application is located, for the purpose of inspections of the private sewage facility, or any health problems caused by the private sewage facility herein for which application has been applied.

I understand that the county of Kendall, TCEQ, or their agents of Designees, make no representation that facilities herein applied for will provide satisfactory service to the premises served. It will be my responsibility to make any changes or modifications which operating experience may show to be necessary in order to provide satisfactory service.

REASON FOR APPLICATION: New Repair _____ Failed OSSF _____ Modified _____

SEPTIC SYSTEM TYPE: Conventional LPD _____ Evapotranspiration (ET) Drainfield _____ **Aerobic _____
Design required by Registered Sanitarian or Licensed Engineer as applicable in State & County rules on all septic types
**Maintenance contract & recorded affidavit required for Aerobics

AEROBIC SYSTEM

INSTALLER _____ MAINTENANCE PROVIDER _____

Name of Applicant: Denise Belcik Phone: 830-997-8096 Cell: _____

Owner Current
Mailing Address: 3334 Grape Creek Rd City/State/Zip FB6, TX 78624

Owner Phone # _____ Owner Cell# _____ Owner Fax# 830-997-8096
(cell first)

LOCATION OF PROPERTY: Gate Combination: _____
911 Address: 3408 Grape Creek Rd City/Zip Fredricksburg 78624

Grape Creek Estates (not platted) - - 12 4.0
Name of Subdivision Unit Blk Lot Acreage

Signature [Handwritten Signature] owner or agent date _____

**(Modified TCEQ Rules Table X for Kendall County)*
Minimum Required Separation Distances For On-Site Facilities**

FROM	TO					
	Sewage Treatment Tanks or Holding Tanks	Soil Absorption Systems, & Unlined ET Beds	Lined Evapotranspiration Beds	Sewer Pipe With Watertight Joints	Surface Irrigation (Spray Area)	Drip Irrigation
Public Water Wells	50	150	150	50	150	150
Public Water Supply Lines	10	10	10	10	10	10
Private Water Well	50	150*	150*	50*	100	150*
Private Water Well (Pressure Cemented with 2" larger hole or Gravity Cemented with 3" larger hole than casing to 200 ft. or to water bearing unit 100 ft. s.c.e.)	50*	100*	100*	20*	100*	100*
Private Water Well (Pressure Cemented with 3" larger hole than casing hole to 200 ft. or to water bearing unit 50 ft. s.c.e.)	50*	50*	50*	20*	50*	50*
Stream, Ponds, Lakes, Rivers (Measured From Normal Pool Elevation and Water Level); Salt Water Bodies (High Tide Only)	50	75, LPD (Secondary Treatment & Disinfection) - 50	50	20	50	25 when R≤0.1 75 when R >0.1 (With Secondary Treatment & Disinfection - 50)
Foundations, Buildings, Surface Improvements, Property Lines, Easements, Swimming Pools, and Other Structures	5	5	5	5	No Separation Distances Except: Property lines - 10 Swimming Pools - 25	No Separation Distances Except: Property Lines - 5
Sharp Slopes, Breaks	0 (special support may be required for zero separation distances)	25	5	10	25	10 when R≤0.1 25 when R>0.1
Edwards Aquifer Recharge Features (See Rules & Regulations chapter 313 of this Title Relating to Edwards Aquifer)	50	150	50	50	150	100 when R≤0.1 150 when R>0.1

⊃ All distances measured in feet, unless otherwise indicated.

⊃ For additional information or revisions to these separation distances, see Rules & Regulations in chapter 290 of this Title relating to Water Hygiene.

⊃ No OSSF may be installed closer than 75 feet from the banks of the Nueces, Dry Frio, Frio, or Sabinal Rivers downstream from the northern Uvalde County line to the recharge zone.

⊃ Drip irrigation lines may not be placed under foundations.

effective date September 27, 1999

1/5/05
2:52 PM
Standard System

ON-SITE SEWERAGE FACILITY DESIGN CRITERIA

Norman Belcik

Property Information:

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

Predicted Quantity of Sewage (Q)

Water Saving Devices in Home (y/n): yes
Gallons/day (Q): 360
Greywater included (yes/no): yes

Rate of Adsorption (Ra)

Application rate (g/sq. ft): 0.2
Minimum Adsorptive Area in (sq. ft.): 1800

Supply Line from House

Total length of supply line (approx. ft): 100
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
Total tank volume (gallons) 1500
1st compartment size (gallons): 1000
2nd compartment size (gallons): 500

House Information

No. of Bedrooms: see below
Sq. footage (Approx.): see below
Water Supply: Private Well

Supply Line From Tank & Lateral Lines

Length of supply line (approx. ft): 19
Type of supply line: min of SDR 35
Size of supply line (in): 4
Total length of manifold (ft): N/A
Manifold placement: N/A
Number of laterals: 5
Type of laterals: leaching chambers
Number of panels: 69
Total length of laterals required (ft): 270
Total length of laterals installed (ft): 276

Trench Information

Trench depth (in): 18
Single trench length (ft): 3@44, 2@72
Trench width (ft): 3
Gravel depth under
lateral (minimum in): N/A
Minimum total gravel depth (in): N/A

This design is for two cabins less than 1500 square feet, 2 bedrooms generating 180 gallons per day per cabin. Therefore, Q = 360 gallons per day.

All design criteria is in accordance with Chapter 285, Subchapter D, §285.30 & §285.40, Texas Commission on Environmental Quality (Effective June 13, 2001).

All changes or modifications made to design must be approved by the below signed designer.

Hoyt Seidensticker

1/5/05

Date

Hoyt Seidensticker, R.S. No. 3588

Land Stewardship Services, 634 Waring/Welfare Road, Comfort, Texas 78013

Cell (210) 414-6603, Fax (830) 995-5298



The above design was based on the best available information and should function properly under normal operating conditions.

Scale 1" = 50'

Site Map
Standard System
Norman Belcik
Lot 12 Grape Creek Road
Fredericksburg, Road 78624
Kendall County

Grape Creek Road PL 330.91'

100 ft
buffer from
well on Lot 11
which will provide
water to two cabins

PL 436.08'

driveway

driveway

PL 360.56'

Cabin
< 2 Br.
< 1500 sq. ft.
180 gpd

two way
cleanouts

50'

50'

Cabin
< 2 Br.
< 1500 sq. ft.
180 gpd

1500 gallon dual septic tank

step downs due
to slope is 3-5%

tree
44' of 11 panels
TH2
19' tree
44' of 11 quick 4 panels
44' of 11 quick 4 panels
72' of 18 quick 4 panels
72' of 18 quick 4 panels

each trench of panels
must be installed level
and step downs used
to connect trenches due
slope

75' buffer from creek

dry creek

PL 350.65'



1/5/05
Hoyt Belcik

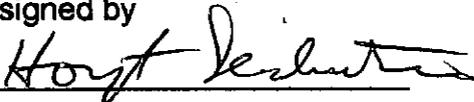
TRENCH and TANK DETAIL

Standard System

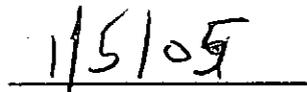
Owner: Norman Belcik
Location: Lot 12, Grape Creek Estates
Fredericksburg, Texas 78624

- A minimum of four inches of sand, sandy loam, clay loam or pea gravel, free of rock larger than ½ inch in diameter, shall be placed under and around all tanks.
- If the top of the septic tank extends above the ground surface, soil may be mounded over the tank to maintain slope to the drainfield.
- The inlet and outlet devices shall use "T" branch fittings.
- Septic tanks must be installed with at least a 12-inch drop in elevation from the bottom of the outlet pipe to the bottom of the disposal area.
- The pipe from the sewer stub out to the treatment systems shall be constructed of cast iron, ductile iron, PVC Schedule 40, Standard Dimension Ratio (SDR) 26
- The slope of the pipe from house to tank shall be no less than 1/8-inch fall per foot of pipe.
- The sewer stub out should be as shallow as possible to facilitate gravity flow.
- A two-way cleanout plug must be provided between the sewer stub out and the septic tank.
- The pipe from the stub out to the treatment tank shall have a minimum inside diameter of three inches.
- The pipe from the final treatment tank to gravity disposal system shall be a minimum of five feet in length and shall be a minimum of 3 inches in diameter and be a minimum of Standard Dimension Ration (SDR) 35.
- Trenches will be 3 foot wide, a minimum of 18 inches deep, but shall not exceed a depth of 36 inches.
- Single excavations shall not exceed 150 feet.
- Multiple excavations must be separated horizontally by at least three feet of undisturbed soil.
- The bottom of the each excavation trench shall be level to within one inch over each 25 feet of excavation or within three inches over the entire single trench excavation, whichever is less.
- Each trench must be connected by step downs due to slope.
- The ends of the leaching chambers must be fitted with End Plates.
- Backfill covering leaching chambers shall be Class Ib, II or III soil.
- There must be a minimum of 6 inches of cover over the leaching chambers.

Designed by



Hoyt Seidensticker, R.S. No. 3588
Land Stewardship Services
634 Waring/Welfare Road
Comfort, Texas 78013
(210) 414-6603 Cell, (830) 995-5298 Fax



Date



ON-SITE SEWERAGE FACILITY
Site Evaluation Report Information

Date: 1/5/05

Applicant Information:

Name: Norman Belcik
Address: 3334 Grape Creek Road
City: Fredericksburg State: Texas Zip: 78624
Phone: (830) 997-8096

Site Evaluator Information:

Name: Hoyt Seidensticker
Company: Land Stewardship Services
Address: 634 Waring/Welfare Road
City: Comfort State: Texas Zip: 78013
Phone: (210) 414-6603 Fax: (830) 995-5298

Property Location:

Lot: 12 Block: _____ Sub.: Grape Creek Estates

Street/Road Address: Grape Creek Road

City: Fredericksburg State: Texas Zip: 78624

Unincorporated Area? Y or N _____

Additional information _____

Installer information:

Name: Homeowner

Company: _____

Address: _____

City: _____ State: Texas Zip: _____

Phone: _____ Fax: _____

Schematic of Lot or Tract

Show:

- Compass North, adjacent streets, property lines, property lines, property dimensions, location of buildings, easements, water lines, and other surface improvements where known (drainage, patios, sidewalks).
- Location of existing or proposed water wells within 150 feet of property.
- Indicate slope or show contour lines from the structure to the farthest location of the proposed soil absorption or irrigation area.
- Location of soil borings or dug pits (show location with respect to a known reference point).
- Location of natural, constructed, or proposed drainage ways, (streams, ponds, lakes, rivers, high tide of salt water bodies) water impoundments areas, cut or fill bank, sharp slopes and breaks.

SITE DRAWING

Lot Size: 2.74 acres

SEE ATTACHED

Signature of Site Evaluator

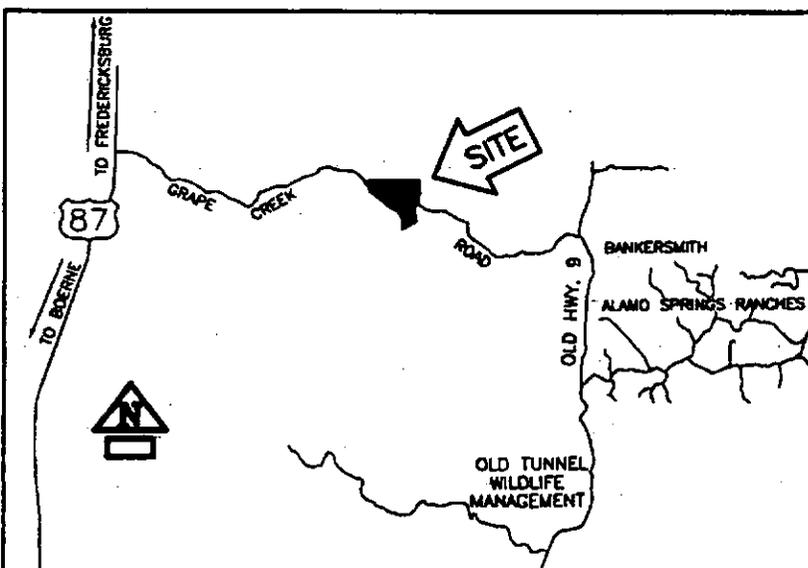
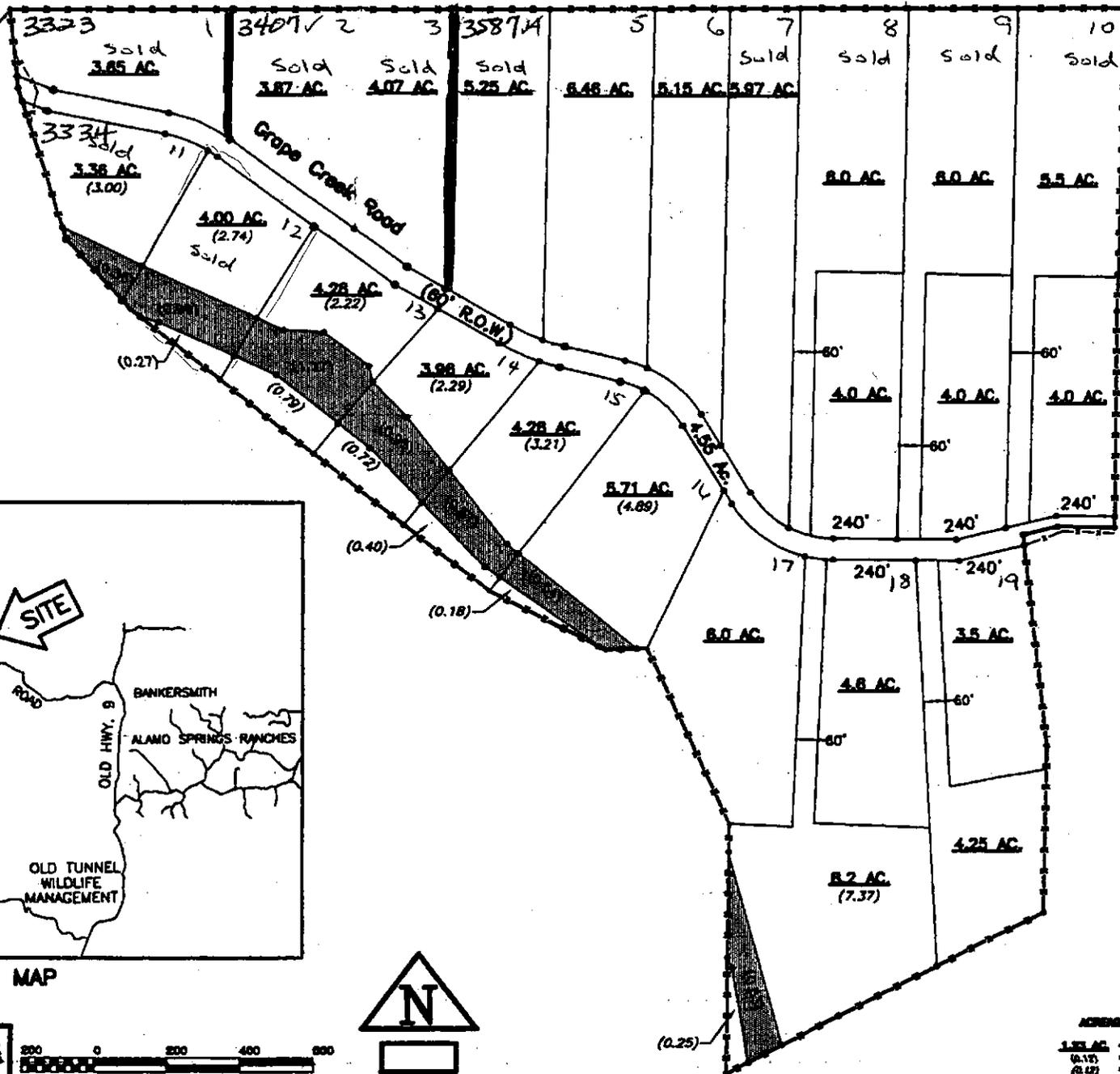
Hoyt Seidensticker

Site Evaluator License No:

OS8771

REQUEST FOR RELIEF FROM MINIMUM LOT FRONTAGE ON CERTAIN TRACTS ADJOINING GRAPE CREEK ROAD

SW Cor. of 120.783 Ac.
Edward A. Barth
Vol. 716, Pg. 245, 2008



LOCATION MAP
N.T.S.



ACREAGE KEY:
 1.85 AC = Overall Acreage
 (6.15) = Acreage in Flood Plain
 (4.32) = Acreage out of Flood Plain

SCHWARZ ENGINEERING & SURVEYING, INC.
 723 N. MAIN BOERNE, TEXAS 78006
 830-246-8907 FAX: 830-246-3821

*** ERROR TX REPORT ***

TX FUNCTION WAS NOT COMPLETED

JOB NO. 2314
DESTINATION ADDRESS 918309955298ppp55276
PSWD/SUBADDRESS
DESTINATION ID Seidensticker
ST. TIME 03/31 17:02
USAGE T 00'00
PGS. 0
RESULT NG #018 BUSY/NO SIGNAL

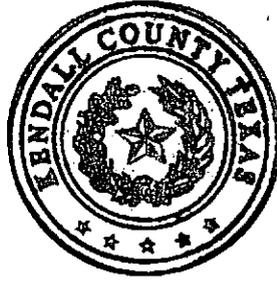
OSSF REVIEW COMMENTS

(PLEASE INCORPORATE THE REVIEW COMMENTS BELOW AND RESUBMIT OSSF DESIGN WITH CORRECTIONS TO THE DEVELOPMENT MANAGEMENT OFFICE, 201 E. SAN ANTONIO ST., STE. 100, BOERNE, TX 78006) Fax: (830)249-6206

- 1. ADDRESS: 3408 Grape Creek Rd
- 2. DESIGNER: Hoyt Seidensticker
- 3. METHOD OF DELIVERY: Fax. No. _____, Mail. _____
- 4. LIST OF MISSING INFORMATION:

The profile holes are about 20'
from the back of the cabin. Move the
drainfield where the profile holes or, or
redig holes where your drainfield is
on the design.

COUNTY OF KENDALL



Authorization to Construct An On-Site Sewerage Facility

PERMIT # S7010

Property Owner Denise Belcik
Property Location 3408 Grape Creek Road
 Fredericksburg, Texas 78624

This serves to notify all persons that the Kendall County Development Management office from the property applicant has received an on-site sewerage facility application, related technical data, and the appropriate fee. The application has been reviewed for technical and administrative consideration against the standards set forth by the 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


Sanford Jennings / Designated Representative #OS7811

5-17-05
Date