

Bob

Mcdaniel, P. E.

11137 Schaffner Road • Sealy, Texas 77474 • 979-865-3049

Septic System Site Evaluation

May 8, 2002

Mr. Bruce Pileik
Pileik Enterprises Inc.
3003 Pileik Rd.
Industry, Texas 78944

Re: Site Evaluation for Dr. Hrachovy
at CR 153 in Colorado County.

Job No. 2002-0078

Dear Mr. Pileik,

This is to certify that a site evaluation was performed on May 06, 2002 under the supervision of the undersigned and that these results are true and correct for the property described herein.

A. Topography

- | | | | |
|----------------|--------------------------------------|---|---|
| 1. Slope: | <input type="checkbox"/> Flat (< 2%) | <input checked="" type="checkbox"/> Slight (2% to 5%) | <input type="checkbox"/> Severe (> 5%) |
| 2. Vegetation: | <input type="checkbox"/> Grass/Brush | <input checked="" type="checkbox"/> Lightly Wooded | <input type="checkbox"/> Heavily Wooded |
| 3. Drainage: | <input type="checkbox"/> Poor | <input checked="" type="checkbox"/> Adequate | <input type="checkbox"/> Good |

B. Flood Hazard

- | | | |
|-------------------------------------|------------------------------|---|
| 1. Inside the 500 year flood plain: | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No. |
| 2. Inside the 100 year flood plain: | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No. |
| 3. Inside the floodway: | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No. |

C. Soil Profiles

1. Bore Hole #1

a. Profile:

Profile Depth		Stratum	Soil	Soil	Predominant	Restrictive
Start	Stop	Thickness	Texture	Structure	Soil Color	Stratum
0"	38.000"	38.000"	Sand		Tan	No
38.000"	48.000"	10.000"	Clay Loam	Blocky	Tan/Orange	No
"	"	"	"			
"	"	"	"			
"	"	"	"			
"	"	"	"			
"	"	"	"			
"	"	"	"			
"	"	"	"			

b. Water Table Indication: ☐ Redox Mottling ☐ Water ☒ None
 Depth: _____ Inches.

2. Bore Hole #2

a. Profile:

Profile Depth		Stratum	Soil	Soil	Predominant	Restrictive
Start	Stop	Thickness	Texture	Structure	Soil Color	Stratum
0"	34.000"	34.000"	Sand		Tan	No
34.000"	48.000"	14.000"	Clay Loam	Blocky	Tan/Orange	No
"	"	"	"			
"	"	"	"			
"	"	"	"			
"	"	"	"			
"	"	"	"			
"	"	"	"			
"	"	"	"			

b. Water Table Indication: ☐ Redox Mottling ☐ Water ☒ None
 Depth: _____ Inches.

D. Water Supply

1. Type: ☐ Public ☐ Community ☒ Private
2. The water supplier/driller is: Unknown (UNK)
3. Private well:
- a. Size: UNK " b. Depth: UNK ' c. Year drilled: UNK A. D.
- d. Log available: ☐ Yes ☒ No
- e. Sealing block: ☒ Yes ☐ No
- f. Well house: ☐ Yes ☒ No
- g. Neighboring well within 100 feet of property line: ☐ Yes ☒ No

E. Effluent Loading Determination

1. Maximum pipe depth: 24 inches.
2. Soil type within 24" of pipe: Class III - Clay Loam
3. Effluent Loading Rate: 0.200 gals./day/sq. ft.

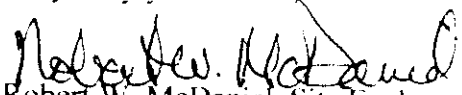
F. Specified Septic System

1. Type: Standard

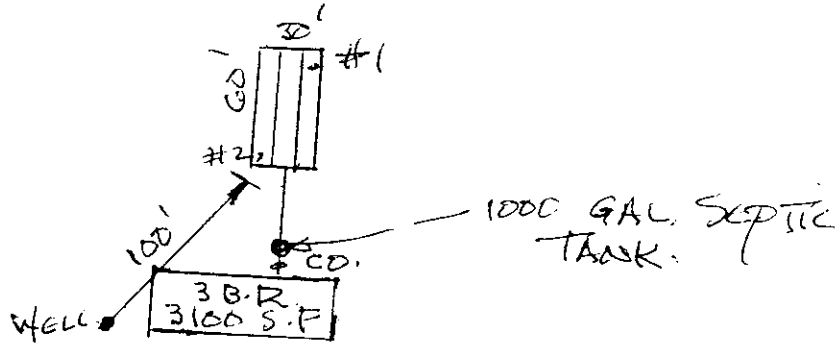
G. Inclusions

1. Bore hole location map: ☐ Yes ☒ No
2. Septic system design with bore hole and well locations: ☒ Yes ☐ No
3. Well log: ☐ Yes ☒ No
4. Topography survey: ☐ Yes ☒ No
5. Drainage plan: ☐ Yes ☒ No
6. Property located on FIRM: ☐ Yes ☒ No
7. Current survey with flood plain determination: ☐ Yes ☒ No

Very truly yours,


 Robert W. McDaniel, Site Evaluator
 Texas Registration #OS6643

C. 12 153

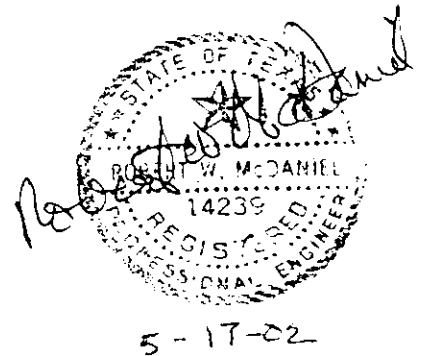


$Q = 300 \text{ gpd.}$

DRAINFIELD LAYOUT (3' WIDE)

4 LAYS. @ 60' = 240'
PLUS = 60'

TOTAL = 300'



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Job Number

02-0078

Owner Name

PILCIK,

DR.
HRACHOVY.

Scale

1" = 100'