

Soil Survey Report Form

281-424-8271

Client Name: **MARK WORTHAN**
Hollinden Realty

Phone Number: **(812) 547-3441**

Current Address: **3202 SANDPIPER DR BAYTOWN, TX 77521**
621-B Main Street, Tell City, IN 47586

Contact: **William Reid** *MARK WORTHAN*

Phone Number: **(812) 547-2746**

County Health Department: **Jeremy Farmer**

Phone Number: **(812) 425-1413**

Soil Surveyor: **Rebecca Langford**

Project Name: **Glenview Estates, Lot 18**

Project Location: **Highway 37 to Derby turnoff, East on Highway 70 to Derby, South (right) on Highway 66 for approximately 3/10 of a mile, left (East) on Glenview Drive, 5th lot on the right**

County: **Perry**

Nearest Town: **Derby**

Legal Description:

Civil Township: **Tobin**
Section: **A part of the N $\frac{1}{2}$ of 4**

Soil Map Sheet Number: **50**
Township: **6 South** Range: **1 West**

Date/Time of Survey: **9-10-04, 9:30 a.m.**

Weather: **Low 70's, sunny**

Facility Type: **Single family residential**

Development Stage: **The property is mostly pasture ground and light woodland. It consists of approximately 1.27 acres. The parcel is a part of a residential development. The building site is located in the pasture area towards the front of the lot. The ground is moderately sloping to steep.**

Source of Water: **Public water supply**

Design Flow: **Design the field bed for a 3-bedroom residence – 450 gallons per day**

Septic Site Description: **The proposed site is located on a terrace near the West end of the pasture ground. It is downslope of the proposed site and slopes downward to the West. The ground is moderately sloping to moderately steep in the area of the borings.**

Comments: **The soils at the site are well-drained. They formed in silty loess and mixed alluvium on terraces of the uplands. A fragipan layer does not appear to exist. Permeability is moderate, and surface runoff is medium to rapid. Gray mottling exists in the lower subsoil (below 40-42 inches). A curtain drain may be helpful. Outlet is available to the West.**

Signature of Soil Surveyor: *Rebecca Langford*

SOIL PROFILE

Project Name: Glenview Estates, Lot 18 Client: Hollinden Realty County: Perry

Property Location: Highway 37 to Derby turnoff, East on Highway 70 to Derby, South (right) on Highway 66 for approximately 3/10 of a mile, left (East) on Glenview Drive, 5th lot on the right

Proposed Septic Site Conditions:

Land Use: Pasture Vegetation: Grass Slope Gradient: 11-13 percent
 Downward Slope Direction: 260° West Other: New construction
 Soil Type: Characteristic of Wheeling and Alford silt loam soils Drainage: Well-drained
 Depth to Fragipan: Not located Depth to Bedrock: Not located
 Within 100 yr Floodplain: No Flooding/Ponded Water: No Permeability: Moderate

Comments:

Site #	Soil Depth (inches)	USDA Texture	Color		Structure			Consistency	Coarse Fragments		Loading Rate (GPD/Ft ³)	Roots	Other
			Matrix	Mottle	Grade	Size	Shape		Type	Size			
B1*	0-11	SiL	10yr4/3, 10yr3/3		2	Fine - Med.	Granular	Friable				Many fine	
	11-15	SiL	10yr5/6		1	Fine - Med.	Subangular Blocky (SB)	Friable				Common fine	
	15-34	Lt. SiCL	7.5yr5/6		2	Med.	SB	Firm				Common to few fine	- 7.5yr4/4 strong brown peds - 10yr3/2 dark stains
	34-42	Heavy SiL	7.5yr5/4		2	Med. - Coarse	SB	Firm				Few fine	- 7.5yr4/4 peds - 10yr3/2 dark stains
	42-60	SiL	7.5yr4/4	10yr5/3, 10yr6/2	1	Coarse	SB	Friable				Very few fine	- 10yr3/2 dark stains - 10yr5/6 yellowish brown peds

* Boring 2 has the same basic soil characteristics as Boring 1.

Note to the Property Owner: This soils report is a description of the conditions at the site during the survey. The report is not a guarantee that a septic system will work based solely on the information provided.

SITE SKETCH

Project: GLENVIEW ESTATES, LOT 18

Date: 9-10-04

