

**SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM**

Owner: S+K Homes

Address: 4609 Forest Highland Dr. Raleigh, NC 27604

Applicant: Steve Jernigan

Date Evaluated: 8/17/06

Proposed Facility: SFD

Design Flow (.1949): 360 gpd

Property Size: .34ac

Location of Site: Laurel Valley NC 27

Property Recorded:

Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

Profile #	1940 Landscape Position/Slope %	Horizon Depth (IN.)	SOIL MORPHOLOGY (1941)				OTHER PROFILE FACTORS				Profile Class & LTAR
			Structure/Texture	Consistence/Mineralogy	1942 Soil Water Color	1943 Soil Depth (IN.)	1944 Soil Class	1945 Rooting Horiz.			
1	L20%	0-48	LS gr	vfr	nsnp						7 S
2	L20%	0-48	LS gr	vfr	nsnp						7 S
3	L20%	0-48	LS gr	vfr	nsnp						7 S
4	L20%	0-48	LS Ga	vfr	nsnp						7 S

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	25% Red.	25% Red LPP
Site LTAR	7	@ .35

Other Factors (.1946): _____
 Site Classification (.1948): S
 Evaluated By: CJ
 Others Present: JT, JW

To save space -

205 LF

COMMENTS: _____

<u>LANDSCAPE POSITIONS</u>	<u>GROUP</u>	<u>TEXTURES</u>	<u>.1955 LTAR</u>	<u>CONSISTENCE MOIST</u>	<u>WET</u>
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTLY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6		
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT-	0.6 - 0.3		
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			

STRUCTURE
 SG-SINGLE GRAIN
 M-MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

Show profile locations and other site features (dimensions, reference or benchmark, and North).

