

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

Owner: J.D. Hart

Applicant: Velma J. Morgan

Address: 1358 Bunnlevel Erwin Rd. Bunnlevel, NC 28323

Date Evaluated: 8/30/06

Proposed Facility: MH

Design Flow (.1949): 360gpd

Property Size: .70ac

Location of Site: 2027 Horseshoe Rd.

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	Gr. Soil Water Color	1940 Soil Depth (IN.)	1940 Soil Class	1940 Soil Horiz.	
1	L2	<del>0-18</del>	LS gr	ns np vfr	54 8/1 @ 35"				.85
	LS	0-35	LG II	↓	↓				
		35-48	S gr	ns np vfr	54 8/1 @ 35"				
2	L2	0-38	LS gr	ns np vfr				.85	
	LS	38	S gr	ns np vfr	54 8/1 @ 38"				
3	L2	0-38	LS gr	ns np vfr				.85	
	LS	38-48	S gr	ns np vfr	54 8/1 @ 38"				
4	L2	0-38	LS gr	ns np vfr				.85	
	LS	38-48	S gr		54 8/1 @ 38"				

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	conv	conv.
Site LTAR	.8	.8

Other Factors (.1946): \_\_\_\_\_

Site Classification (.1948): S

Evaluated By: JT, CL, OT

Others Present:

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		SICL-SILTY CLAY LOAM			
FP-FLOOD PLAN	IV	SIC-SILTY CLAY	0.4 - 0.1		
		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).



