

4"-32" 3x60' 1 front 1 back Repair 25% Red

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

Owner: *The Quest Dev. Co. Inc.*

Applicant: *Howell Edwards*

Address: *P.O. Box 2121 Dunn, NC 28335*

Date Evaluated: *1/11/07*

Proposed Facility: *SFD 3BR* Design Flow (.1949): *360*

Property Size: *.35Ac*

Location of Site: *SR1125 Lemuel Black*

Property Recorded:

Water Supply:  Public  Individual  Well  Spring  Other

Evaluation Method:  Auger Boring  Pit  Cut

Type of Wastewater:  Sewage  Industrial Process  Mixed

P R O F I L E #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941			OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz		
1	LS 30%	D-7	LS gr	vr	nsnp				.5 PS	
		7-48	SCL sbk	fr	ssnp					
2	LS 30%	D-12	LS gr	vr	nsnp				.5 PS	
		12-43	SL gr	fr	ssnp					
		43-48	SC sbk	fi	sp					

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	<i>25% Red</i>	<i>25% Red</i>
Site LTAR	<i>.5</i>	<i>.5</i>

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

Site Classification (.1948): *PS*

Evaluated By: *CP*

Others Present: *OT, JT*

COMMENTS: \_\_\_\_\_

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FR-FRIABLE	SS-SLIGHTLY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT-	0.6 - 0.3	FI-FIRM	S-STICKY
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	EFI-EXTREMELY FIRM	NP-NON-PLASTIC
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			
		SICL-SILTY CLAY LOAM			SP-SLIGHTLY STICKY
					P-PLASTIC
					VP-VERY PLASTIC

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).

