

ON-SITE WASTEWATER SECTION

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

OWNER: Cameron's Ridge L.L.C. APPLICATION DATE _____
 ADDRESS: 121 Notquyta Road, Murphy, NC 28906 DATE EVALUATED: 10/03/06
 PROPOSED FACILITY: dwl - 3 br PROPOSED DESIGN FLOW (.1949): 360 g/d PROPERTY SIZE: 1.20 ac
 LOCATION OF SITE: Lot 11, Cameron's Ridge PROPERTY RECORDED: _____
 WATER SUPPLY: Private Public 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	.1956 SAPRO CLASS	.1944 RESTR HORIZ		
1	CV 25% GPS N 35.11133 W 84.23878	A1 0 - 4"	1FGR - L	NEXP-MVFR	10YR 3/2	40"	II	40"	0.8 - 0.6	
		Bt1 4 - 38"	2FSBK - SCL	NEXP-MFR	5YR 4/4				0.6 - 0.3	
		C 38 - 40"	1FGR - SL	NEXP-MFI	10YR 4/2				0.8 - 0.6	
		Cr 40 - 50"	PL - L	NEXP-MVFI	10YR 4/1				0.4 - 0.2	
2	CV 25% GPS N 35.11140 W 84.23877	A1 0 - 2"	1FGR - SL	NEXP-MVFR	10YR 3/2	50"	None	50"	0.8 - 0.6	
		A 2 2 - 7"	1FGR - L	NEXP-MVFR	7.5YR 4/4				0.8 - 0.6	
		Bt1 7 - 36"	2FSBK - CL	NEXP-MFR	5YR 4/8				0.6 - 0.3	
		Bt2 36 - 48"	1FGR - SL	NEXP-MVFR	5YR 4/6				0.8 - 0.3	
		B&C 48 - 50"	2MSBK - SL	NEXP-MFI	10YR 4/2				0.8 - 0.6	
3	CV 25% GPS N 35.11142 W 84.23875	A1 0 - 2"	1FGR - SL	NEXP-MVFR	10YR 3/4	51"	None	51"	0.8 - 0.6	
		A2 2 - 9"	1FGR - L	NEXP-MVFR	10YR 4/4				0.8 - 0.6	
		Bt1 9 - 35"	2FSBK - CL	NEXP-MFR	5YR 4/6				0.6 - 0.3	
		Bt2 35 - 45"	2FSBK - CL	NEXP-MFR	2.5YR 3/6				0.6 - 0.3	
		B&C 45 - 51"	2MSBK - SL	NEXP-MFI	2.5YR 3/6				0.8 - 0.6	
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946): <u>NONE</u>
Available Space (.1945)	Sufficient	Sufficient	SITE CLASSIFICATION (.1948): <u>Provisionally Suitable, Soil Depth</u>
System Type(s)			EVALUATED BY: <u>Arville Touchet</u>
Site LTAR	0.6 - 0.3	0.6 - 0.3	OTHER(S) PRESENT: _____ Soil Taxonomy: <u>Fine-loamy, mixed, subactive, mesic Typic Hapludults</u>

COMMENTS: Top soil has channers.
Subsoils have thin discontinuous highly weathered stone lines.