

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: 1.40 ac
 LOCATION OF SITE: Lot 1, 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 32% GPS N 35.11108 W 84.23439	A 0 - 4"	1FGR - SL	NEXP-MVFR	10YR 3/3				0.8 - 0.6
		E 4 - 15"	1FGR - SL	NEXP-MVFR	10YR 5/4				0.8 - 0.6
		Bt1 15 - 38"	2FSBK - SCL	NEXP-MFR	5YR 5/6, 5/8	>56"	None	>56"	0.6 - 0.3
		Bt2 38 - 49"	1FSBK - SL	NEXP-MVFR	2.5YR5/6				0.8 - 0.6
		B&C 49- 56"	1FGR - SL	NEXP-MFI	2.5YR 6/8,4/6				0.8 - 0.6
2	CV 32% GPS N 35.11108 W 84.23435	A 0 - 4"	1FGR - SL	NEXP-MVFR	10YR 4/2				0.8 - 0.6
		E 4 - 12"	1FGR - SL	NEXP-MVFR	10YR 6/6				0.8 - 0.6
		Bt1 12 - 40"	2FSBK - SCL	NEXP-MFR	7.5YR 6/8,5/8	>60"	None	>60"	0.6 - 0.3
		Bt2 40 - 50"	1FSBK - SL	NEXP-MVFR	7.5YR 6/8				0.8 - 0.6
		B&C 50- 60"	1FGR - SL	NEXP-MFI	2.5YR4/6&7.5YR6/8				0.8 - 0.6
3	CV 32% GPS N 35.11113 W 84.23432	A 0 - 3"	1FGR - SL	NEXP-MVFR	10YR 4/3				0.8 - 0.6
		E 3 - 13"	1FGR - SL	NEXP-MVFR	10YR 6/6	>60"	None	>60"	0.8 - 0.6
		Bt1 13 - 40"	2FSBK - SCL	NEXP-MFR	2.5YR 4/8				0.6 - 0.3
		B& C 40-60"	1FGR - SL	NEXP-MFI	7.5YR 6/8				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, Slope 32%</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.