

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: 1.32 ac
 LOCATION OF SITE: Lot 20, 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 44% GPS N 35.11216 W 84.23774	A1 0 - 3"	1FGR - L	NEXP-MVFR	7.5YR 3/3				0.8 - 0.6
		A2 3 - 7"	1FGR - L	NEXP-MVFR	7.5YR 4/4				0.8 - 0.6
		Bt1 7 - 48"	2FSBK - CL	NEXP-MFR	2.5YR 4/6	>60"	None	>60"	0.6 - 0.3
		Bt2 48 - 58"	2FSBK - SCL	NEXP-MFR	2.5YR 3/6				0.6 - 0.3
		B&C 58 - 60"	1FGR - SCL & SL	NEXP-MFR	2.5YR 3/6				0.6 - 0.3
2	CV 44% GPS N 35.11215 W 84.23779	A1 0 - 2"	1FGR - L	NEXP-MVFR	7.5YR 3/4				0.8 - 0.6
		A2 2 - 8"	1FGR - L	NEXP-MVFR	7.5YR 5/4				0.8 - 0.6
		Bt1 8 - 56"	2FSBK - CL	NEXP-MFR	2.5YR 4/8	>70"	None	>70"	0.6 - 0.3
		Bt2 56 - 63"	2FSBK - SCL	NEXP-MFR	2.5YR 3/6				0.6 - 0.3
		B&C 63 - 70"	1FGR - SCL & CL	NEXP-MFR	2.5YR 3/6				0.6 - 0.3
3	CV 44% GPS N 35.11237 W 84.23774	A1 0 - 2"	1FGR - L	NEXP-MVFR	7.5YR 3/4				0.8 - 0.6
		E 2 - 8"	1FGR - L	NEXP-MVFR	7.5YR 5/4				0.8 - 0.6
		Bt1 8 - 60"	2FSBK - CL	NEXP-MFR	5YR 4/6	>75"	None	>75"	0.6 - 0.3
		Bt2 60 - 75"	2FSBK - SCL	NEXP-MFR	2.5YR 3/6				0.6 - 0.3
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946): <u>NONE</u>
Available Space (.1945)	Sufficient	Sufficient	SITE CLASSIFICATION (.1948): <u>Provisionally Suitable Slope 40%</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.