

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: 0.92 ac
 LOCATION OF SITE: Lot 12, 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 35.11091 W 84.23824	A1 0-2"	1FGR - SL	NEXP-MVFR	10YR 3/2				0.8 - 0.6
		A2 2-8"	1FGR - L	NEXP-MVFR	10YR 4/4				0.8 - 0.6
		Bt1 8-30"	1FSBK - CL	NEXP-MFR	7.5YR 4/6	>65"	None	>65"	0.6 - 0.3
		Bt2 30-55"	1FSBK - CL	NEXP-MFR	2.5YR3/4				0.6 - 0.3
		Bt&C 55-65"	1FGR - CL	NEXP-MFI	7.5YR 4/3				0.6 - 0.3
2	CV 32% GPS N 35.11100 W 84.23827	A1 0-3"	1FGR - SL	NEXP-MVFR	10YR 3/3				0.8 - 0.6
		A2 3-9"	1FGR - SL	NEXP-MVFR	10YR 4/4				0.8 - 0.6
		Bt1 9-16"	1FSBK - CL	NEXP-MFR	7.5YR 4/6	>65"	None	>65"	0.6 - 0.3
		Bt2 16-62"	1FSBK - CL	NEXP-MFR	2.5YR3/6				0.6 - 0.3
		Bt&C 62-66"	1FGR - CI	NEXP-MFI	5YR3/6				0.6 - 0.3
3	CV 32% GPS N 35.11098 W 84.23827	A1 0-2"	1FGR - SL	NEXP-MVFR	10YR 3/3				0.8 - 0.6
		A2 2-7"	1FGR - SL	NEXP-MVFR	10YR 4/4				0.8 - 0.6
		Bt1 7-14"	1FSBK - CL	NEXP-MFR	.5YR 4/6	>75"	None	>75"	0.6 - 0.3
		Bt2 14-55"	1FSBK - CL	NEXP-MFR	2.5YR3/6				0.6 - 0.3
		Bt&C 55-75"	1FGR - CL	NEXP-MFI	5YR3/6				0.6 - 0.3
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946): <u>NONE</u> SITE CLASSIFICATION (.1948): <u>Provisionally Suitable, Slope 32%</u> EVALUATED BY: <u>Arville Touchet</u> OTHER(S) PRESENT: _____ Soil Taxonomy: <u>Fine-loamy, mixed, subactive, mesic Typic Hapludults</u>
Available Space (.1945)	<u>Sufficient</u>	<u>Sufficient</u>	
System Type(s)			
Site LTAR	<u>0.6 - 0.3</u>	<u>0.6 - 0.3</u>	

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