

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: 1.26 ac
 LOCATION OF SITE: Lot 7, 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 39% GPS N 35.11073 W 84.23860	A1 0 - 2"	1FGR - SL	NEXP-MVFR	10YR 3/3				0.8 - 0.6
		A2 2 - 8"	1FGR - SL	NEXP-MVFR	10YR 4/6	>56"	None	>56"	0.8 - 0.6
		Bt1 8 - 38"	2FSBK - CL	NEXP-MFR	2.5YR 3/6				0.6 - 0.3
		B&C 38 - 56"	2FGR - SL	NEXP-MFR	2.5YR 4/6 & 7.5YR 5/8				0.8 - 0.6
2	CV 39% GPS N 35.11066 W 84.23865	A1 0 - 1"	1FGR - SL	NEXP-MVFR	10YR 3/3				0.8 - 0.6
		A 2 1 - 5"	1FGR - SL	NEXP-MVFR	7.5YR 4/6				0.8 - 0.6
		Bt1 5-45"	2FSBK - CL	NEXP-MFR	2..5YR 3/6	>55"	None	>55"	0.6 - 0.3
		Bt2 45 - 53"	1FGR - SL	NEXP-MVFR	7.5YR 5/8				0.8 - 0.6
		B&C 53-55"	2MSBK - SL	NEXP-MFI	7.5YR 5/8				0.8 - 0.6
3	CV 39% GPS N 35.11066 W 84.23872	A1 0 - 2"	1FGR - SL	NEXP-MVFR	10YR 3/3				0.8 - 0.6
		A2 2 - 10"	1FGR - SL	NEXP-MVFR	7.5YR 4/6				0.8 - 0.6
		Bt1 10 - 29"	2FSBK - CL	NEXP-MFR	2.5YR 4/6	>56"	None	>56"	0.6 - 0.3
		Bt2 29 - 53"	1FGR - SL	NEXP-MVFR	2.5YR 3/6				0.8 - 0.6
		B&C 53 - 56"	2MSBK - SL	NEXP-MFI	2.5YR 4/6				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, Slope 39%</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.