

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: 1.49 ac
 LOCATION OF SITE: Lot 5, 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 26% GPS N 35.11058 W 84.23750	A1 0 - 2"	1FGR - SL	NEXP-MVFR	10YR 3/3				0.8 - 0.6
		A2 2 - 9"	2FGR - SL	NEXP-MVFR	7.5YR 4/4				0.8 - 0.6
		Bt1 9 - 30"	2FSBK - CL	NEXP-MFR	2.5YR 3/6	>56"	None	>56"	0.6 - 0.3
		Bt2 30 - 40"	2FGR - SL	NEXP-MVFR	7.5YR 3/4				0.8 - 0.6
		B&C 40 - 56"	2MSBK - SL	NEXP-MFI	2.5Y 4/4				0.8 - 0.6
2	CV 28% GPS N 35.11059 W 84.23744	A1 0 - 2"	1FGR - SL	NEXP-MVFR	10YR 2/2				0.8 - 0.6
		A 2 2 - 11"	2FGR - SL	NEXP-MVFR	10YR 3/6				0.8 - 0.6
		Bt1 11 - 28"	2FSBK - CL	NEXP-MFR	2.5YR 3/4	>71"	None	>71"	0.6 - 0.3
		Bt2 28 - 42"	2FGR - SL	NEXP-MVFR	5YR 3/4				0.8 - 0.6
		B&C 42 - 71"	2MSBK - SL	NEXP-MFI	7.5YR3/4&2.5Y4/4				0.8 - 0.6
3	CV 29% GPS N 35.11062 W 84.23743	A1 0 - 2"	1FGR - SL	NEXP-MVFR	10YR 3/3				0.8 - 0.6
		A2 2 - 10"	1FGR - SL	NEXP-MVFR	10YR 3/4				0.8 - 0.6
		Bt1 10 - 22"	2FSBK - L	NEXP-MFR	5YR 4/4	>54"	None	>54"	0.8 - 0.6
		Bt2 22 - 45"	2FSBK - SL	NEXP-MFR	7.5YR 4/3,4/6				0.8 - 0.6
		B&C 45 - 54"	1MGR - SL	NEXP-MFI	7.5YR 4/6				0.8 - 0.6
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946): <u>NONE</u>
Available Space (.1945)	<u>Sufficient</u>	<u>Sufficient</u>	SITE CLASSIFICATION (.1948): <u>Suitable</u>
System Type(s)			EVALUATED BY: <u>Arville Touchet</u>
Site LTAR	<u>0.6 - 0.3</u>	<u>0.6 - 0.3</u>	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.