

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: 1.79 ac  
 LOCATION OF SITE: Lot 17, 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 36% GPS N 35.11226 W 84.23592	A1 0 - 2"	1FGR - SL	NEXP-MVFR	10YR 3/3				0.8 - 0.6
		A2 2 - 8"	1FGR - L	NEXP-MVFR	10YR 4/4			0.8 - 0.6	
		Bt1 8 - 28"	2FSBK - SCL	NEXP-MFR	7.5YR 4/6	>60"	None	>60"	0.6 - 0.3
		Bt2 28 - 56"	2FSBK - SCL	NEXP-MFR	2.5YR 3/6				0.6 - 0.3
		B&C 56-60"	2FSBK - SCL	NEXP-MFI	5YR 4/4				0.6 - 0.3
2	CV 36% GPS N 35.11224 W 84.23598	A 0 - 4"	1FGR - L	NEXP-MVFR	10YR 3/2				0.8 - 0.6
		Bt1 4 - 18"	2FSBK - SCL	NEXP-MFR	7.5YR 4/4				0.6 - 0.3
		Bt2 18 - 42"	2FGR - L	NEXP-MVFR	7.5YR 4/4	>62"	None	>62"	0.8 - 0.6
		Bt3 42 - 60"	2FSBK - SCL	NEXP-MFR	2.5YR 3/6				0.6 - 0.3
		B&C 60 - 62"	2FGR - L	NEXP-MVFR	7.5YR 4/4				0.8 - 0.6
3	CV 36% GPS N 35.11231 W 84.23597	A1 0 - 2"	1FGR - L	NEXP-MVFR	10YR 3/2				0.8 - 0.6
		A2 2 - 6"	1FGR - L	NEXP-MVFR	10YR 4/4				0.8 - 0.6
		Bt1 6 - 23"	2FSBK - SCL	NEXP-MFR	7.5YR 4/6	>54"	None	>54"	0.6 - 0.3
		Bt2 23 - 50"	2FSBK - SCL	NEXP-MFR	5YR 4/8				0.6 - 0.3
		B&C 50-54"	1FSBK - L	NEXP-MFI	10YR 4/8				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 &gt; 30%</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.