

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: 1.02 ac

LOCATION OF SITE: Lot 6, 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 35.11039 W 84.23815	A1 0-2"	1FGR - SL	NEXP-MVFR	7.5YR 3/3	51"	II	51"	0.8 - 0.6
		A2 2-8"	1FGR - SL	NEXP-MVFR	7.5YR 4/4				0.8 - 0.6
		Bt1 8-38"	1FSBK - CL	NEXP-MFR	2.5YR 4/6				0.6 - 0.3
		Bt2 38-49"	1FGR - SL	NEXP-MVFR	2.5 YR 4/8				0.8 - 0.6
		B&C 49-51"	1FGR - SL	NEXP-MFI	5 YR 4/8				0.8 - 0.6
2	CV 32% GPS N 35.11038 W 84.23819	A1 0-2"	1FGR - SL	NEXP-MVFR	7.5YR 3/3	39"	II	39"	0.8 - 0.6
		A2 2-4"	1FGR - SL	NEXP-MVFR	7.5YR 4/4				0.8 - 0.6
		Bt1 4-13"	1FSBK - CL	NEXP-MFR	2.5 YR 4/6				0.6 - 0.3
		Bt2 13-30"	1FGR - SL	NEXP-MFR	2.5YR 4/8, 6/8				0.8 - 0.6
		B&C 30-39"	1FGR - SL	NEXP-MFI	5 YR 4/8				0.8 - 0.6
3	CV 32% GPS N 35.11036 W 84.23817	A1 0-1"	1FGR - SL	NEXP-MVFR	7.5YR 3/4	45"	II	45"	0.8 - 0.6
		A2 1-6"	1FGR - SL	NEXP-MVFR	7.5YR 4/4				0.8 - 0.6
		Bt1 6-35"	1FSBK - CL	NEXP-MVFR	3.5YR 4/8				0.6 - 0.3
		Bt2 35-45"	1FSBK - CL	NEXP-MVFR	2.5YR4/6&5BG4/1				0.6 - 0.3
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>Provisionally Suitable - slope 32%, soil depth 39"</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.