DENR/DEH

ON-SITE WASTEWATER SECTION

PROPERTY ID #: _____

COUNTY: Cherokee

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 4, Cameron's Ridge** PROPERTY RECORDED: _____

WATER SUPPLY: **X** Private " Public " Well " Spring " Other _____

EVALUATION METHOD: **X** Auger Boring " Pit " Cut TYPE OF WASTEWATER: **X** Sewage " Industrial Process " Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ **SLOPE %**	HORIZON DEPTH **(IN.)**	**SOIL MORPHOLOGY (.1941)** .1941 STRUCTURE/ **TEXTURE**	.1941 CONSISTENCE/ **MINERALOGY**	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ **COLOR**	.1943 SOIL **DEPTH**	.1956 SAPRO **CLASS**	.1944 RESTR **HORIZ**	PROFILE CLASS **& LTAR**
1	CV 36% GPS N 35.11054 W 84.23637	A 0-2"	1FGR - SL	NEXP-MVFR	7.5YR 3/4				0.8 - 0.6
		E 2-9"	1FGR - L	NEXP-MVFR	7.5YR 5/4	>44"	None	>44"	0.8 - 0.6
		Bt1 9-40"	2FSB2 - SCL	NEXP-MFR	2.5YR 3/6				0.6 - 0.3
		Bt&C 40-44"	1FGR -S CL	NEXP-MFI	2.5YR3/6&5Y4/6				0.6 - 0.3
2	CV 36% GPS N 35.11051 W 84.23631	A 0-2"	1FGR - SL	NEXP-MVFR	7.5YR 3/3				0.8 - 0.6
		E 2-7"	1FGR - L	NEXP-MVFR	7.5YR 4/4, 5/4	>54"	None	>54"	0.8 - 0.6
		Bt1 7-50"	2FSBK -S CL	NEXP-MFR	2.5 YR 3/6				0.6 - 0.3
		Bt&C 50-54"	1FGR -S CL	NEXP-MFI	2.5YR4/8&5YR4/6				0.6 - 0.3
3	CV 35% GPS N 35.11048 W 84.23632	A 0-3"	1FGR - SL	NEXP-MVFR	7.5YR 3/3				0.8 - 0.6
		E 3-9"	1FGR - L	NEXP-MVFR	7.5YR 4/4, 5/4	>62"	None	>62"	0.8 - 0.6
		Bt 9-55"	2FSBK - SCL	NEXP-MFR	2.5YR 4/8				0.6 - 0.3
		Bt&C 55-62"	1FGR - CL	NEXP-MFI	2.5YR4/8,&5Y4/6				0.6 - 0.3
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	Sufficient	Sufficient
System Type(s)		
Site LTAR	0.6 - 0.3	0.6 - 0.3

OTHER FACTORS (.1946): NONE

SITE CLASSIFICATION (.1948): Provisionally Suitable, Slope 36%

EVALUATED BY: Arville Touchet

OTHER(S) PRESENT: _____

Soil Taxonomy: Fine-loamy, mixed, subactive, mesic Typic Hapludults

COMMENTS: Top soil has channers.

Subsoils have thin discontinuous highly weathered stone lines.