DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

SITE / SOIL EVALUATION FOR SANITARY SEWAGE SYSTEM

OWNER: James Greene PHONE: 664-7652 DATE REQUESTED: 4-2-93 DATE EVALUATED: _____

ADDRESS: 110 Kennerly Ave, Mooresville 28115 PROPERTY IDENTIFICATION NO.: 2K-7-D-2

COUNTY: Iredell PROPERTY SIZE: 16,150sq' PROPOSED FACILITY: 2 bdrm sfr

LOCATION OF SITE: Regency Lake Village #2 section D

WATER SUPPLY: On-Site Well ____ Community ✓ Public ____ EVALUATION BY: Auger Boring ✓ Pit ____ Cut ____

LANDSCAPE POSITION
- R - Ridge
- S - Shoulder slope
- L - Linear slope
- FS - Foot slope
- N - Nose slope
- H - Head slope
- Cc - Concave slope
- Cv - Convex slope
- T - Terrace
- FP - Flood Plain

Group	TEXTURE	Appli. Rate
I	s - sand ls - loamy sand	1.2-0.8
II	sl - sandy loam l - loam si - silt	0.8-0.6
III	sil - silt loam sicl - silty clay loam cl - clay loam scl - sandy clay loam	0.6-0.3
IV	sc - sandy clay sic - silty clay c - clay	0.4-0.1

MOIST: vfr - very friable; fr - friable; fi - firm; vfi - very firm; efi - extremely firm

CONSISTENCE
WET: Ns - non-sticky; Ss - slightly sticky; S - sticky; Vs - very sticky
Np - non-plastic; Sp - slightly plastic; P - plastic; Vp - very plastic

STRUCTURE: sg - single grain; m - massive; cr - crumb; gr - granular; sbk - subangular blocky; abk - angular blocky; pl - platy; pr - prismatic

MINERALOG: 1:1, 2:1, mixed

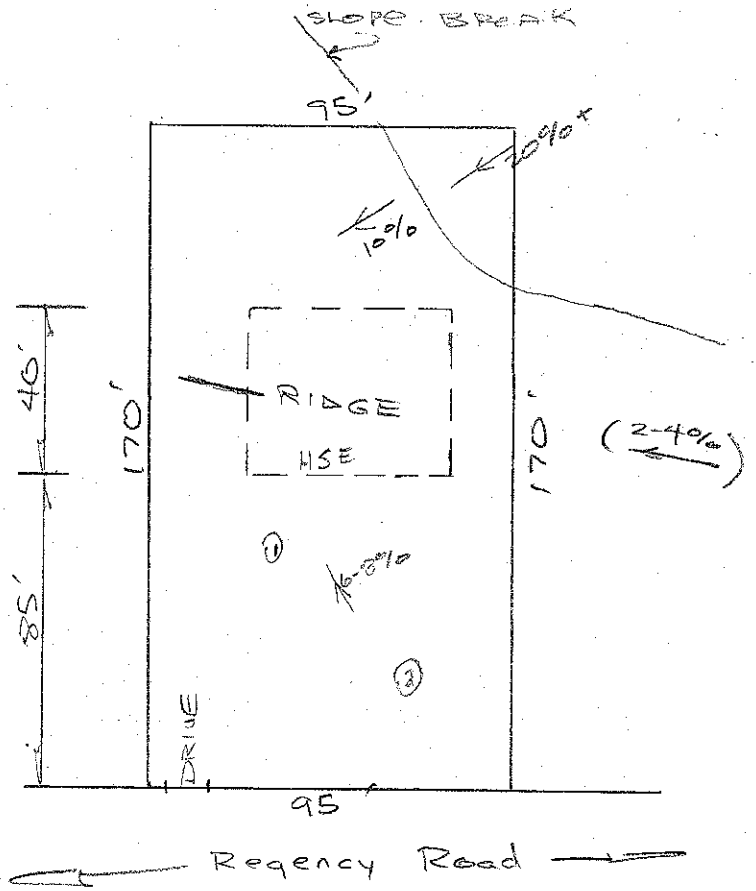
LEGEND

Use the above standard abbreviations.

NOTES:
Horizon Depth – in inches
Depth of Fill – in inches from land surface
Restrictive Horizon – thickness and inches from land surface
Saprolite – S (suitable) or U (unsuitable)

DHS 2601 (Revised _____)
Sanitation Branch (Review _____)

NOTES:
Soil Wetness – inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less – record Munsell color chip designation
Classification – S (suitable), PS (provisionally suitable) or U (unsuitable)
Long-Term Acceptance Rate – gal/day/ft²



FACTORS	PROFILE 1	~~PROFILE 2~~	~~PROFILE 3~~	~~PROFILE 4~~	~~PROFILE 5~~
LANDSCAPE POSITION	sideslope				
SLOPE (%)	6-8%				
HORIZON I DEPTH	3-0"				
Texture Group	clay				
Consistence	wss - wpo				
Structure	disturbed fill from grading				
Mineralogy					
HORIZON II DEPTH	0-3				
Texture Group	clay loam				
Consistence	mvfr				
Structure	mod, fn, gran				
Mineralogy					
HORIZON III DEPTH	3-14				
Texture Group	clay				
Consistence	msfi				
Structure	mod-wk, med, sbk				
Mineralogy					
HORIZON IV DEPTH	14-30				
Texture Group	silty clay	diffuse boundary to silty clay - saprolite mix silty saprolite by 36", few Mn deposits in saprolite			
Consistence	msfi				
Structure	wk med sbk				
Mineralogy					
SOIL WETNESS	>48"				
RESTRICTIVE HORIZON	>48"				
SAPROLITE	by 36"				
CLASSIFICATION					
LONG-TERM ACCEPTANCE RATE	0.3-.25 TO 30"				

FACTORS	PROFILE 2	~~PROFILE 2~~	~~PROFILE 3~~	~~PROFILE 4~~	~~PROFILE 5~~
LANDSCAPE POSITION	side slope				
SLOPE (%)	6-8%				
HORIZON I DEPTH	0-4"				
Texture Group	clay loam				
Consistence	mvfr				
Structure	mod fn gran				
Mineralogy					
HORIZON II DEPTH	4-16"				
Texture Group	clay				
Consistence	msfi				
Structure	mod med sbk				
Mineralogy					
HORIZON III DEPTH	16-27				
Texture Group	silty clay				
Consistence	msfi				
Structure	wk med sbk				
Mineralogy					
HORIZON IV DEPTH	27-33				
Texture Group	silty clay - saprolite				
Consistence	dsh				
Structure	wk med+fn sbk				
Mineralogy					
SOIL WETNESS	>48"				
RESTRICTIVE HORIZON	>48"				
SAPROLITE	33"				
CLASSIFICATION					
LONG-TERM ACCEPTANCE RATE	0.3-.25 TO 30"				

SITE CLASSIFICATION: SITE LONG-TERM ACCEPTANCE RATE:

EVALUATED BY: OTHER(S) PRESENT:

REMARKS: