MOORE'S ENVIRONMENTAL SERVICE COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Integrity Homes APPLICANT:
ADDRESS: 894 S Main st. Trautman APPLICATION DATE: DATE EVALUATED:
PROPOSED FACILITY: Single Family PROPOSED DESIGN FLOW (.1949): 3bedroom PROPERTY SIZE: 1/2 acre
LOCATION OF SITE: Quarry Lot Meigs Lane PROPERTY RECORDED:
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	8% linear & Gullied	0 to 18"	C SbK	Fi SEXP	35 SP (2.5YR 5/6)	PS 48"	PS	PS	PS .3 to .35 gal/sq ft/day
		18" to 48"	cl. WSbK	Fi to Fr SEXP					
2	8% linear & Gullied	0 to 18"	C SbK	Fi SEXP	35 SP (2.5YR 5/6)	PS 48"	PS	PS	PS .3 to .35 gal/sq ft/day
		18" to 48"							
3	13% linear	0 to 24"	C SbK	Fi SEXP	32 SP (2.5YR 5/6)	PS 48"	PS	PS	PS .3 to .35 gal/sq ft/day
		24" to 48"	cl. WSbK	Fi to Fr SEXP					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% Reduction	Pump To Soil Bed
Site LTAR	.3 to .35	.3 to .35

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: T.C. Moore R.S.
OTHER(S) PRESENT: Tommy Carver

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: David Draxler APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 11/27/200
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Shade Lot 5 PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-4"	Bw SCL						PS
		4-20"	Bt C mSBK S-SS						1.3
		20-48"	Bt/Bw w SBK SS, SP, SE		FR w/ Few		SAP Indus		
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

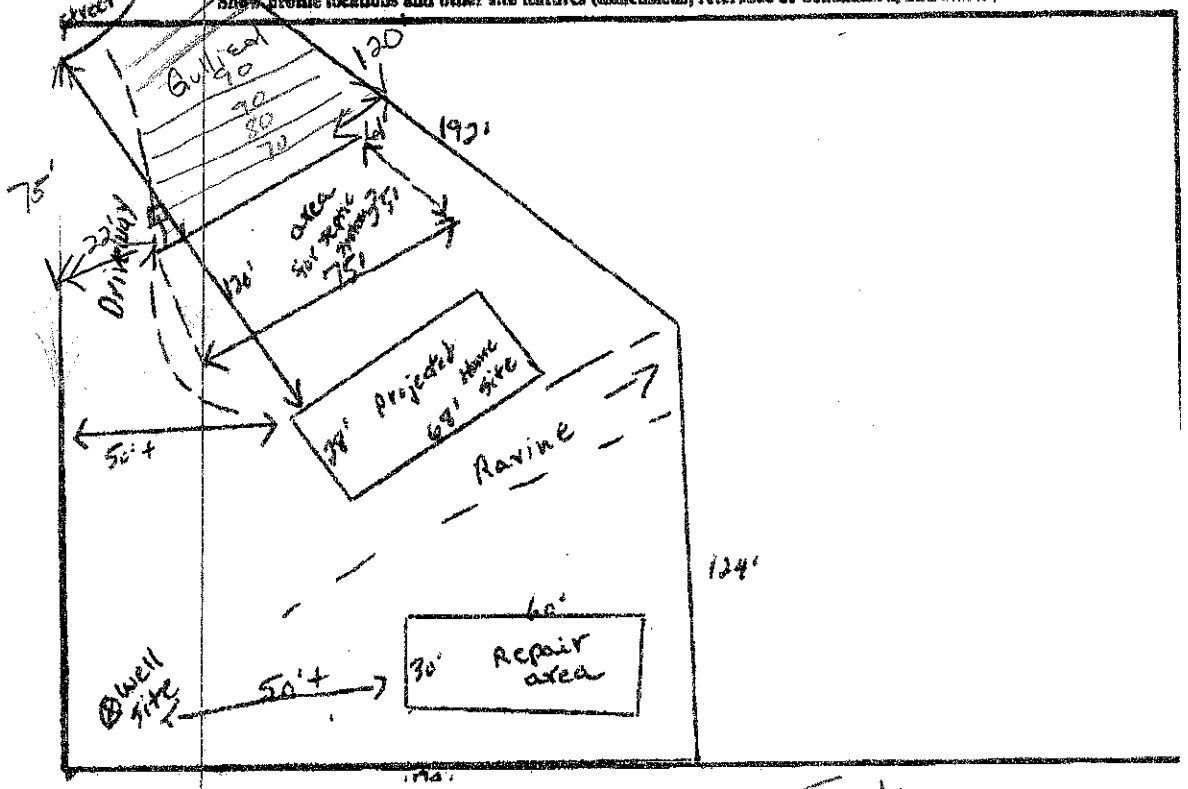
LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL 1995 LTAR	LPP 1997 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
C (Concave Slope)	I	S (Sand)	1.2-0.8	0.6-0.4	NEXP (Non-expansive)	G (Single Grain)
V (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
(Drainage Way)					EXP (Expansive)	CR (Crumb)
S (Debris Slump)	II	SL (Sandy Loam)	0.8-0.6	0.4-0.3		GR (Granular)
P (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
T (Foot Slope)						ABK (Angular Blocky)
(Head Slope)	III	SI (Silt)	0.6-0.3	0.3-0.15		PL (Platy)
(Linear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
(Nose Slope)		CL (Clay Loam)			MOIST	WET
(Ridge)		SCL (Sandy Clay Loam)				
(Shoulder Slope)		SLC (Silt Loam Clay)			VFR (Very Friable)	NS (Non-sticky)
(Terrace)	IV	SC (Sandy Clay)	0.4-0.1	0.2-0.05	FR (Friable)	SS (Slightly Sticky)
		SIC (Silty Clay)			FI (Firm)	S (Sticky)
					VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

NOTES
HORIZON DEPTH In inches below natural soil surface
DEPTH OF FILL In inches from land surface
RESTRICTIVE HORIZON Thickness and depth from land surface
SAPROLITE S (Suitable) or U (Unsuitable)
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)
Evaluation of saprolite will be by site.
Long-term Acceptance Rate (LTAR): Weighted

Show profile locations and other site features (dimensions, reference or benchmark, and North).



75' Front
22' SL

120' From Front
61' to SL