DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

4810-62-7200

Sheet 1 of ___
PROPERTY ID #: ___
COUNTY: Iredell

MOUNTAINVIEW PARK
LOTS 12/13

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: FLEETWOOD / STATESVILLE — APPLICATION DATE 11-5-04
ADDRESS: 1270 NORTHSIDE DR STATESVILLE 28677 — DATE EVALUATED: 12-6-04
PROPOSED FACILITY: 4BR — PROPOSED DESIGN FLOW (.1949): 480 — PROPERTY SIZE: ___
LOCATION OF SITE: 115N TL HANNAH OR RT — PROPERTY RECORDED: YES
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) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	H	0-9	WK SBK SCL	VFR SS/SP SEXP	7.5YR 6/3 @ 20"	>48"	—	—	PS 0.25
		9-48	MO SBK C	FI S/P SEXP					
2	L	0-10	WK GR SL	VFR NS/NP SEXP	—	>48"	—	—	PS 0.25
		10-48	MO SBK C	FI S/P SEXP					
3	L	0-10	WK GR SL	VFR NS/NP SEXP	10YR 6/3 @ 20"	>48"	—	—	PS 0.25
		10-54	MO SBK C	FI S/P SEXP					
4	L	0-14	WK GR SL	VFR NS/NP SEXP	10YR 6/3 @ 10"	>48"	—	—	PS 0.25
		14±50	MO SBK C	FI S/P SEXP					
		50-66	MO SBK C+SAP	FR S/P SEXP					

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

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

COMMENTS: ___

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
D (Drainage Way)					EXP (Expansive)	CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

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 shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

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

DENR (######)
Review (#####)

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
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4810-62-7200

Sheet 2 of ____
PROPERTY ID #: ____
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

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ADDRESS: ____
APPLICATION DATE ____
DATE EVALUATED: 12-6-04
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480
PROPERTY SIZE: ____
LOCATION OF SITE: MOUNTAINVIEW PARK LOTS 12/13
PROPERTY RECORDED: YES
WATER SUPPLY: ☐ Private ☐ Public ☑ Well ☐ Spring ☐ Other ____
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1	H	0-10	WK GR SL	VFR NS/NP SEXP	27" 10YR 6/3	>48"	—	—	PS 0.25
		10-47	MO SBK C	FI S/P SEXP					
		47-58	MO SBK C+SAP	FR S/P SEXP					
2	L	0-6	WK GR SL	VFR NS/NP SEXP	—	>48"	—	—	PS 0.25
		6-46	MO SBK C	FR S/P SEXP					
		46-60	MO SBK C+SAP	FR S/P SEXP					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
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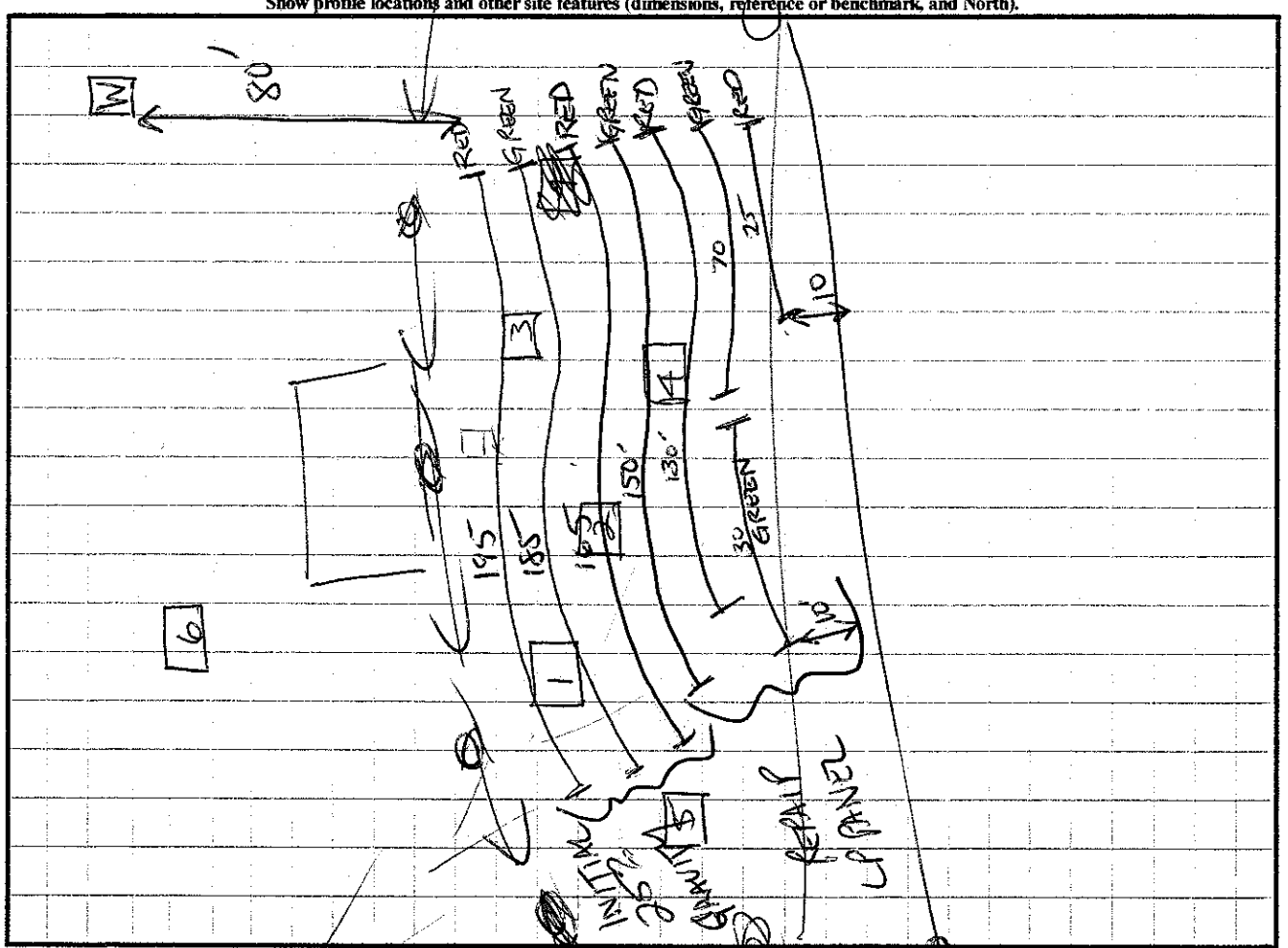
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