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

Sheet 1 of ____
PROPERTY ID #: ____
COUNTY: Ire

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: RIVER GREEN, LLC — APPLICATION DATE ____
ADDRESS: PO BOX 1732 LINCOLNTON 28093 — DATE EVALUATED: 1/20/05
PROPOSED FACILITY: 48R — PROPOSED DESIGN FLOW (.1949): 480 — PROPERTY SIZE: ____
LOCATION OF SITE: I-77 N EXIT 59 TR RUMLIN MILL TL JOSEY TL OLIN LP — PROPERTY RECORDED: Y
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other OLIN GLEN LOT #9 ON RT
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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	H	0-8	WK SBK CL	FR S/P SEXP	—	>60"	—	—	PS 0.30
		8-60	~~WK~~ SBK C	FR S/P SEXP					
		60+	WATER STANDING IN PIT						
2	H	0-6	WK SBK CL	FR S/P SEXP	—	24"	U	—	PS 0.10
		6-24	MO SBK C/SAP	FR S/P SEXP					
		24-60	SCM SAP	CL					
3	H	0-8	WK SBK CL	FR S/P SEXP	—	>60"	—	—	PS 0.30
		8-60	MO SBK C	FR S/P SEXP					
4		0-18	WK SBK CL	FR S/P SEXP	—	>70"	—	—	PS 0.30
		18-70	WK SBK C	FR S/P SEXP					
		70+	WATER STANDING IN PIT						

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.

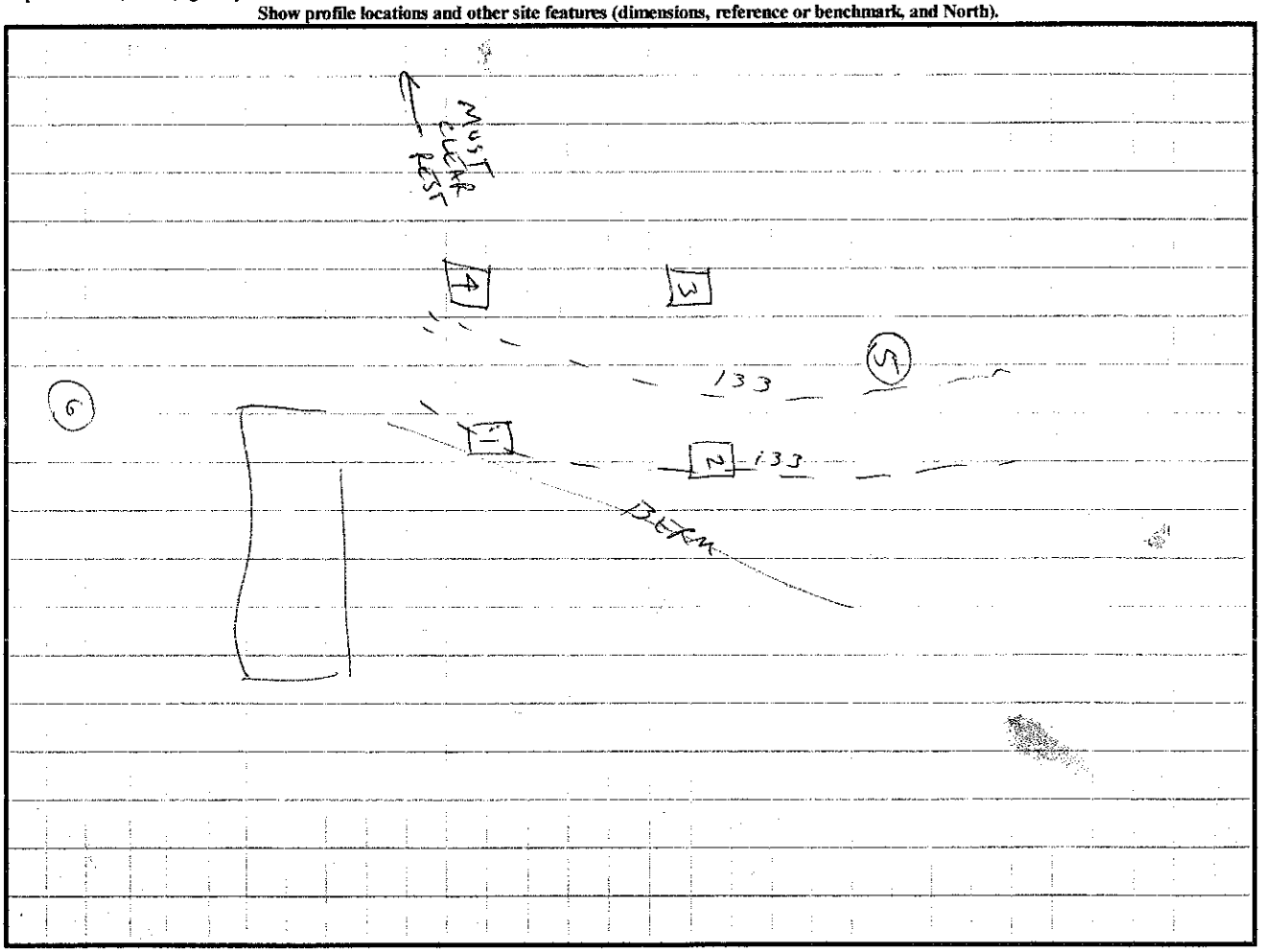
NOTES

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 (#####)

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ON-SITE WASTEWATER SECTION

Sheet 2 of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

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ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
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			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	H	0-6	MKSBK CL	FR S/P SEXP	—	>48"	—	—	PS 0.30
		6-48	MOSBK STAP	FR S/P SEXP					
2	H	0-3	MKSBK CL	FR S/P SEXP	—	30"	—	—	PS 0.10
		3-30	MOSBK CL STAP	FR S/P SEXP					
		30+	SLM SAP	—					
3									
4									

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