DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4727896276
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Randy
ADDRESS: 286 Branchwood Rd
PROPOSED FACILITY: SFD PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 115 to Branchwood Lot on Right
WATER SUPPLY: • Private • Public • Well • Spring • Other N/A
EVALUATION METHOD: • Auger Boring • Pit • Cut

APPLICATION DATE 11/21/14
DATE EVALUATED: 2/12/14
PROPERTY SIZE: 4.3ac
PROPERTY RECORDED: Yes
TYPE OF WASTEWATER: • 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	L 8%	0-6	SL fr	gr SE	PS	PS	N/A	N/A	PS .25
		6-24	C fi	SBK SE					
		24-50	BC fi/fr	WABK SE					
2	L 9%	0-8	SCL fr	gr SE	PS	PS	N/A	36-48"	PS .25
		8-36	C fi	SBK SE					
		36-48	CR fi	mass N/A					
3	L 8%	0-6	SCL fr	gr SE	PS	PS	N/A	N/A	PS .25
		6-33	C fi	SBK SE					
		33-50	BC fi/fr	WABK SE					
4	L 8%	0-7	SCL fr	gr SE	PS	PS	N/A	N/A	PS .25
		7-25	C fi	SBK SE					
		25-50	BC fi/fr	WABK SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	.25	.25

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: JJ Snow
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.

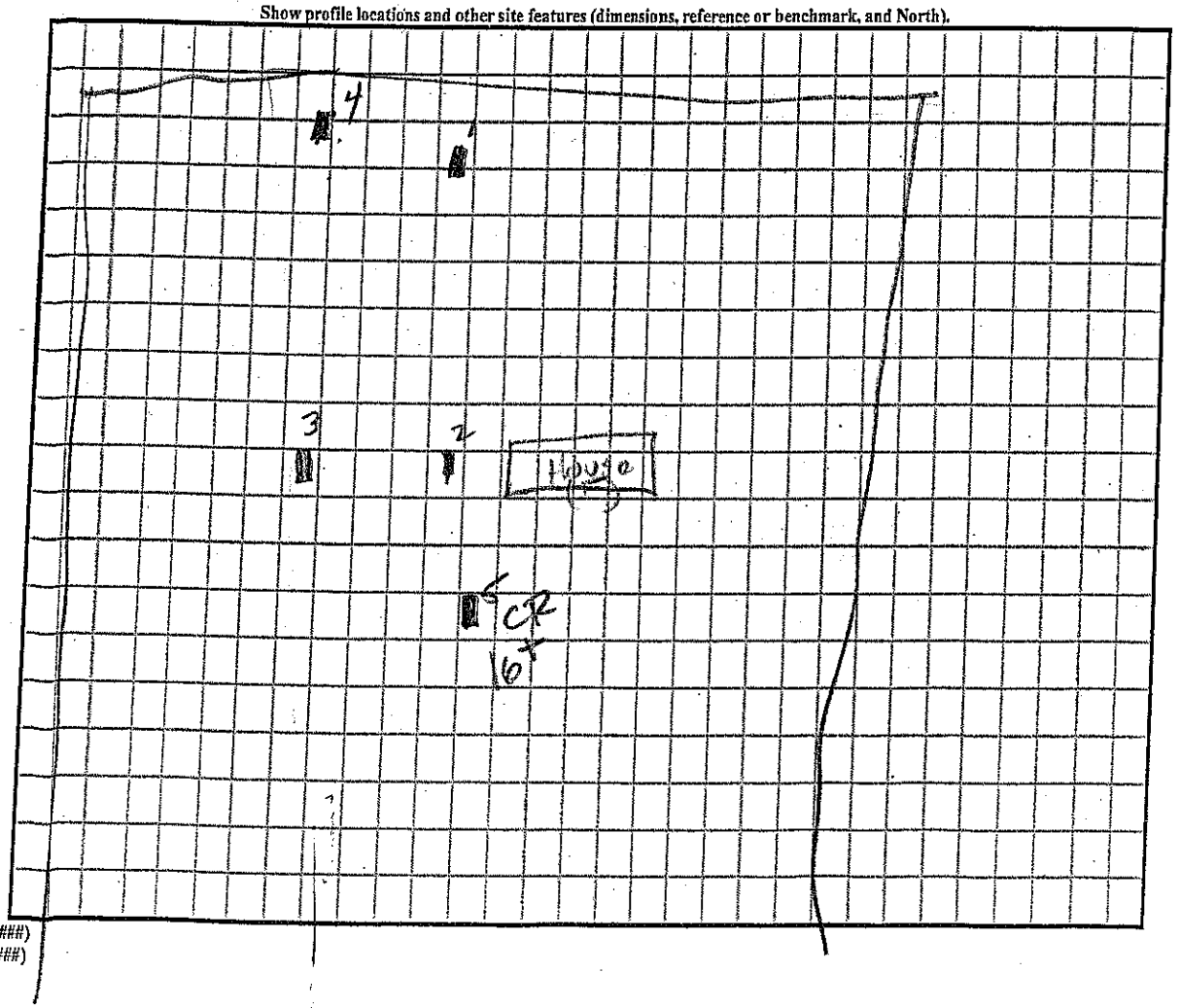
NOTES

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).



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iew (#####)

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4727896276
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Randy Blankenship
ADDRESS: 284 Branchwood Rd
PROPOSED FACILITY: SFD
LOCATION OF SITE: 115 to Branchwood not on right
WATER SUPPLY: • Private • Public • Well • Spring • Other N/A
EVALUATION METHOD: • Auger Boring • Pit • Cut

APPLICATION DATE 11/21/19
DATE EVALUATED: 2/11/14
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: 4.3 ac
PROPERTY RECORDED: Yes

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1	L 9%	0-6	SCL fr	gr SE	PS	UNS	N/A	12+	UNS
		6-12	C fi	SBK SE					
		12+	CR	Mass N/A					
2	L 9%	0-6	SCL fr	gr SE	PS	UNS	N/A	16+	UNS
		6-16	C fi	SBK SE					
		16+	CR	Mass N/A					
3	L 8%	0-21	C fi	SBK SE	PS	PS	N/A	N/A	.125
		21-48	BC fi/fr	SBK SE					
4	L 8%	0-6	SCL fr	gr SE	PS	PS	N/A	20+	Drp
		6-20	C fi	SBK SE					
		20+	CR	Mass N/A					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
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OTHER(S) PRESENT:

COMMENTS:

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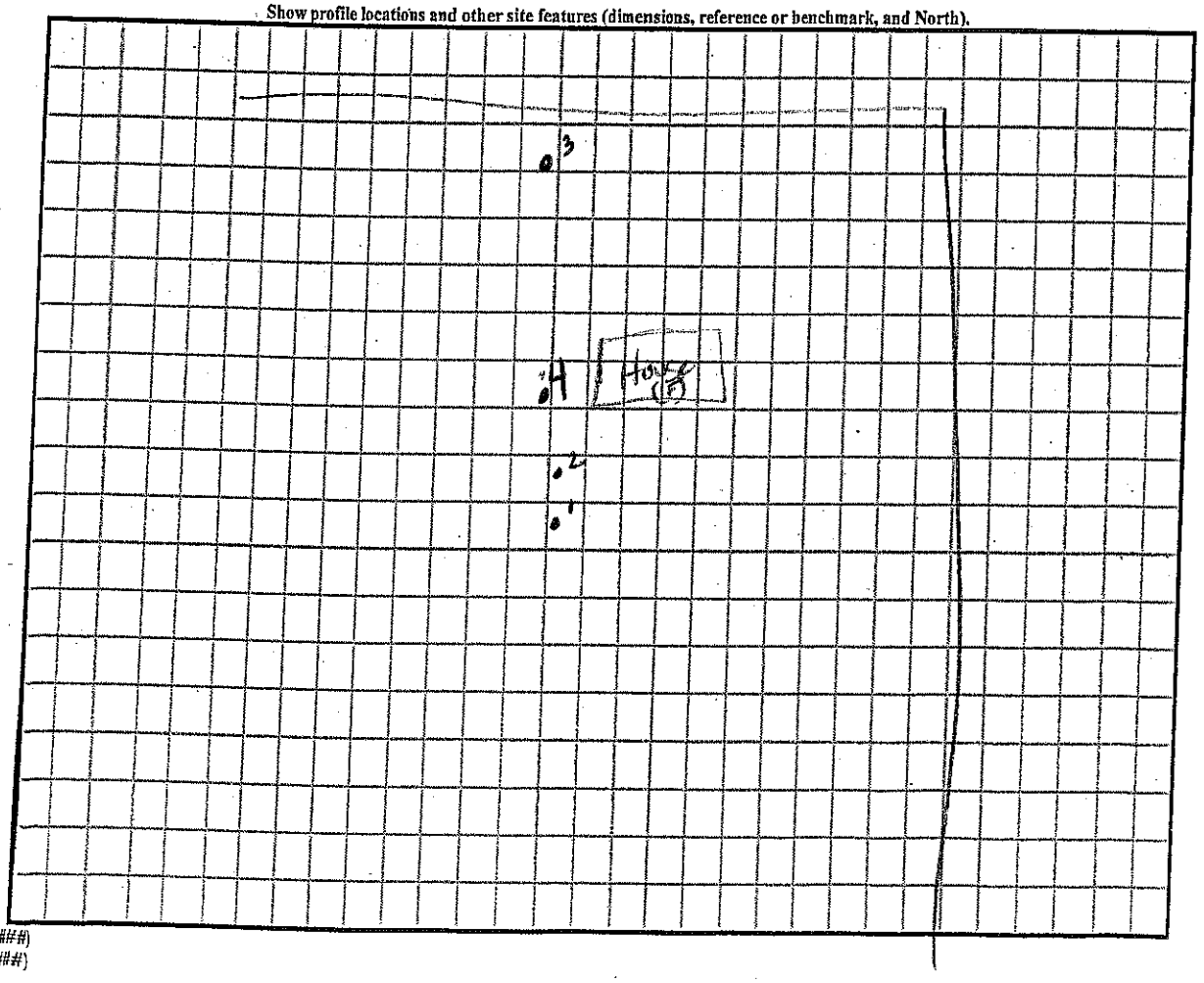
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