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

15799
4718366385

Sheet 1 of 1
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Bullrye
ADDRESS: 295 Turnbull Road Statesville 28625
APPLICATION DATE: 8-26-09
PROPOSED FACILITY: Home
PROPOSED DESIGN FLOW (.1949): 3bd
DATE EVALUATED: 9-8-09
LOCATION OF SITE: 115N to Poplar Chapel just after 550 lt
PROPERTY SIZE: 10± Ac.
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
PROPERTY RECORDED: 1903
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% L	0-7	SC WBL	SSSPSEP f	NA	48	NA	NA	.25
		7-48	SC ABL	SSSPSEP fr					
2	9% N	0-7	SC WBL	SSSPSEP fr	NA	48	NA	NA	.25
		8-48	C ABL	SSSPSEP fr					
3	6% L	0-4	SC WBL	SSSPSEP f	mottling at 36	48	NA	NA	.25
		4-36	C WBR	SSSPSEP f					
		36-48	C WBR	SSSPSEP f					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1440/360	1440/360
System Type(s)	2570 6	2570 6
Site LTAR	.25	.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): R
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	STRUCTU
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	SCL (Sandy Clay Loam)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiL (Silt Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SiCL (Silty Clay Loam)			MOIST	WET
S (Shoulder Slope)		Si (Silt)				
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		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.

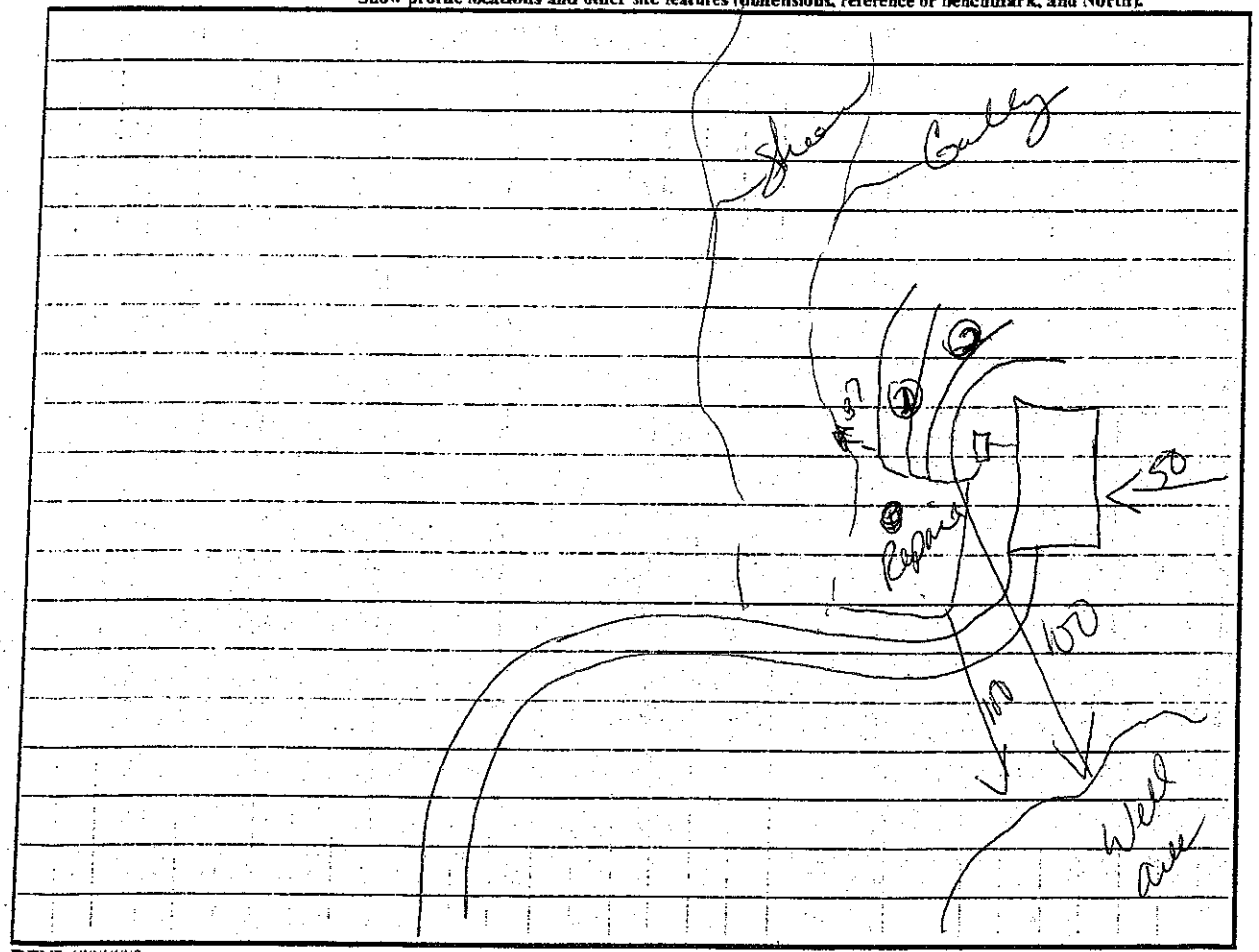
NOTES

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
ON-SITE WASTEWATER SECTION

15799
47183663385

Sheet 1 of 1
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Bullpen APPLICATION DATE 8/26/09
ADDRESS: 295 Turnbull Road Statesville 28625 DATE EVALUATED: 9-8-09
PROPOSED FACILITY: Home PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: 10+ Ac
LOCATION OF SITE: 15N to Right Chard Just after 550 bx PROPERTY RECORDED: 1903
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	8% L	0-7	SC WBL	SSSPSAP f	NA	48	NA	NA	.25
		7-48	SC ABL	SSSPSAP fr					
2	9% N	0-7	SC WBL	SSSPSAP fr	NA	48	NA	NA	.25
		7-48	C ABL	SSSPSAP					
3	6% L	0-4	SC WBL	SSSPSAP f	mottling At 36	48	NA	NA	.25
		4-36	C WBL	SSSPSAP f					
		36-48	C WBL	SSSPSAP f					
4	8% L	0-4	SC WBL	SSSPSAP fr	NA	48	NA	NA	.25
		4-30	SC ABL	SSSPSAP fr					
		30-40	C ABL	SSSPSAP fr					
		40-48	C WBL	SSSPSAP fr					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1440/360	1440/360
System Type(s)	25% R	25% R
Site LTAR	.25	.25

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

COMMENTS: