DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 3
PROPERTY ID #: 5863
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Johnny Morrison — APPLICATION DATE 6/27/16
ADDRESS: 122 Fortunes Trail Sve NC — DATE EVALUATED: 8/8/16
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 360 GPD — PROPERTY SIZE: 2.121 ACRE
LOCATION OF SITE: 119 Delp Dr. Statesville NC 28625 — PROPERTY RECORDED: 1/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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
A 1	LL 5%	0-10	BSL, GR	VFR, SS, SP	1 Drom Mottles 23"-32"	48"	/	/	.25
		10-20	RC, WSBK	FR, SS, SP					
		20-35	RC, ABK/SBK	FR/FI, S, P					
		35-48	RC, SBK	FR, SS, SP					
A 2	LL 5%	0-10	BSCL, WSBK	VFR, SS, SP	/	48"	F SAP INCL 34-48"	/	.3
		10-36	RC, SBK	FR, SS, SP					
		36-48	RCL, SBK	" " "					
A 3	LL 5%	0-4	BSCL, WSBK	FR, SS, SP	1/B's 13"-23"	48"	F-C SAP INCL 33"-48"	/	.25 0-23" .3 24"-48"
		4-14	RC, WSBK	FR, SS, SP					
		14-28	RC, WABK	FI, S, P					
		28-35	RC, SBK	FR, SS, SP					
		35-46	RCL, SBK	FR, SS, SP					
A 4	LL 5%	0-28	RBL, WSBK	FR, SS, SP	F-1/B Mottles 10"-20"	48"	F SAP INCL 42"-48"	/	.25-.275 0-28" .3 28"-46"
		28-44	RC, SBK	FR, SS, SP					
		44-46	RCL, SBK	" " "					

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

OTHER FACTORS (.1946): →
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: SC
OTHER(S) PRESENT:

COMMENTS:

2/3

LEGEND

use the following standard abbreviations

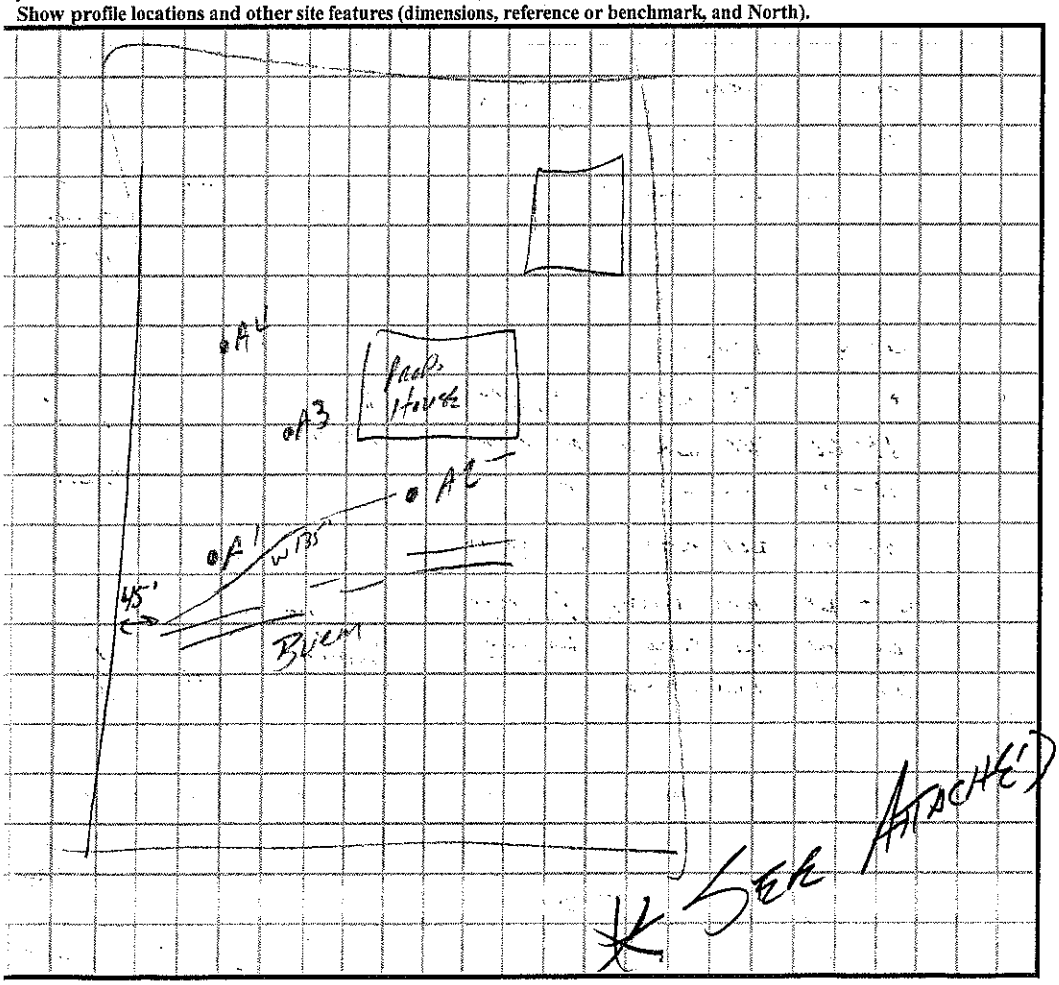
IP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
	LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
				EXP (Expansive)	CR (Crumb)
	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
	L (Loam)				SBK (Subangular Blocky)
					ABK (Angular Blocky)
	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
	SiCL (Silty Clay Loam)				PR (Prismatic)
	CL (Clay Loam)				
	SCL (Sandy Clay Loam)			**MOIST**	**WET**
	SiL (Silt Loam)				
				VFR (Very Friable)	NS (Non-sticky)
	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)

e to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

es below natural soil surface
es from land surface
ess and depth from land surface
ole) or U(unsuitable)
from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
able), PS (Provisionally Suitable), or U (Unsuitable)

lay/ft^2

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



1 inch = 60 feet *Soil Notes* 1:720

