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

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____Noble Mills_____ APPLICATION DATE_____
ADDRESS:_____226 Lippard Springs Circle_____Statesville, NC 28677_____ DATE EVALUATED: _11/15/06
PROPOSED FACILITY: 5 bedroom house PROPOSED DESIGN FLOW (.1949): _600 gal__ PROPERTY SIZE: ___2.933 ac_____
LOCATION OF SITE: ____Lot 15 Buffalo Creek_____ PROPERTY RECORDED: _____
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	
1	CONCAVE 15%	0-8	WKF SBK SCL	FR SS SP SEXP	>44	>44	>44	>44	0.3 PS
		8-25	MM SBK C	FR SS SP SEXP					
		25-44	MF SBK C	FR SS SP SEXP					
2	LINEAR 15%	0-3	WKF SBK SCL	FR NS NP NEXP	>48	35	35	35	0.3 PS
		3-35	MM SBK C	FI SS SP SEXP					
		35-48	SLESS/MASS SL	VFR NS NP NEXP					
3	LINEAR 15%	0-2	WKF SBK SCL	FR SS SP SEXP	>48	36	36	36	0.3 PS
		2-28	MM SBK C	FI SS SP SEXP					
		28-36	WKF SBK CL	FR SS SP SEXP					
		36-48	SLESS/MASS SL	VFR NS NP NEXP					
4	LINEAR 15%	0-6	WKF SBK SCL	FR SS SP SEXP	>48	>48	>48	>48	0.3 PS
		6-38	MM SBK C	FI SS SP SEXP					
		38-48	WKF SBK C	FI SS SP SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	675	675
System Type(s)	CONV	CONV
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): ___PS_____
EVALUATED BY: _____SP_____
OTHER(S) PRESENT: _____EB, BF_____

LICENSED SOIL SCIENTIST
STEVEN M. PRICE
1153
STATE OF NORTH CAROLINA

COMMENTS:_____4 BEDROOM HOUSE AND 1 BEDROOM COTTAGE (5 bedroom total) _____

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet ____ *of* ____
PROPERTY ID #: ____
COUNTY: ____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: ____ APPLICATION DATE: ____
ADDRESS: ____ DATE EVALUATED: ____
PROPOSED FACILITY: ____ PROPOSED DESIGN FLOW (.1949): ____ PROPERTY SIZE: ____
LOCATION OF SITE: ____ PROPERTY RECORDED: ____
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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
A S	LL 10%	0-12	BSCL, WSBK	FR, SS, SP	Some YB's 12"-42"	48"	N/A	/	.25 0-42" .3 42"-48"
		12-44	RCL, SBK/some ABK	FR, SS, SP					
		44-48	RCL, SBK	FR, SS, SP					

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: ____

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 2
PROPERTY ID #: 8060
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: J. HARRIS
ADDRESS: 233 ISLAND FORD
APPLICATION DATE: —
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 480 GPD
DATE EVALUATED: 6/30/15
LOCATION OF SITE: 118 BUFFALO CREEK DR. STATESVILLE NC
PROPERTY SIZE: 2.7 ACRE
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other N/A
PROPERTY RECORDED: —
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
A 1	U 5%	0 - 20	RC, SBK	FR, SS, SP	N/A	35"	E-M SAP INCL 14" - 35"	N/A	.3
		20 - 35	RCL, SBK/MSBK	FR, SS, SP					
		36" +	SL SAP	VFR, NS, NP					
A 2	LL 5%	0 - 23	RC, SBK/ABK	FR, SS, SP	N/A	35"	C-M SAP INCL. 16" - 35"	N/A	.3
		23 - 35	RCL, SBK	FR, SS, SP					
		36" +	SL SAP	VFR, NS, NP					
A 3	LL 5%	0 - 24	RC, SBK/ABK	FR, SS, SP	FEW B MOTTLES @ 32"	42"	C-M SAP INCL 20" - 42"	N/A	.275
		24 - 42	RCL, SBK/MSBK	FR, SS, SP					
		43" +	SL SAP	VFR, NS, NP					
A 4	LL 2%	0 - 28	RC SBK/ABK	FR, SS, SP	FEW B MOTTLES @ 32"	35"	F-C SAP INCL 24" - 36"	N/A	.25
		28 - 35	RCL, SBK	FR, SS, SP					
		36" +	SL SAP	FR, SS, SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% / CONVENTIONAL	25% / CONVENTIONAL
Site LTAR	.3	.25

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): ES
EVALUATED BY: SHANE LEGARDA
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) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
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

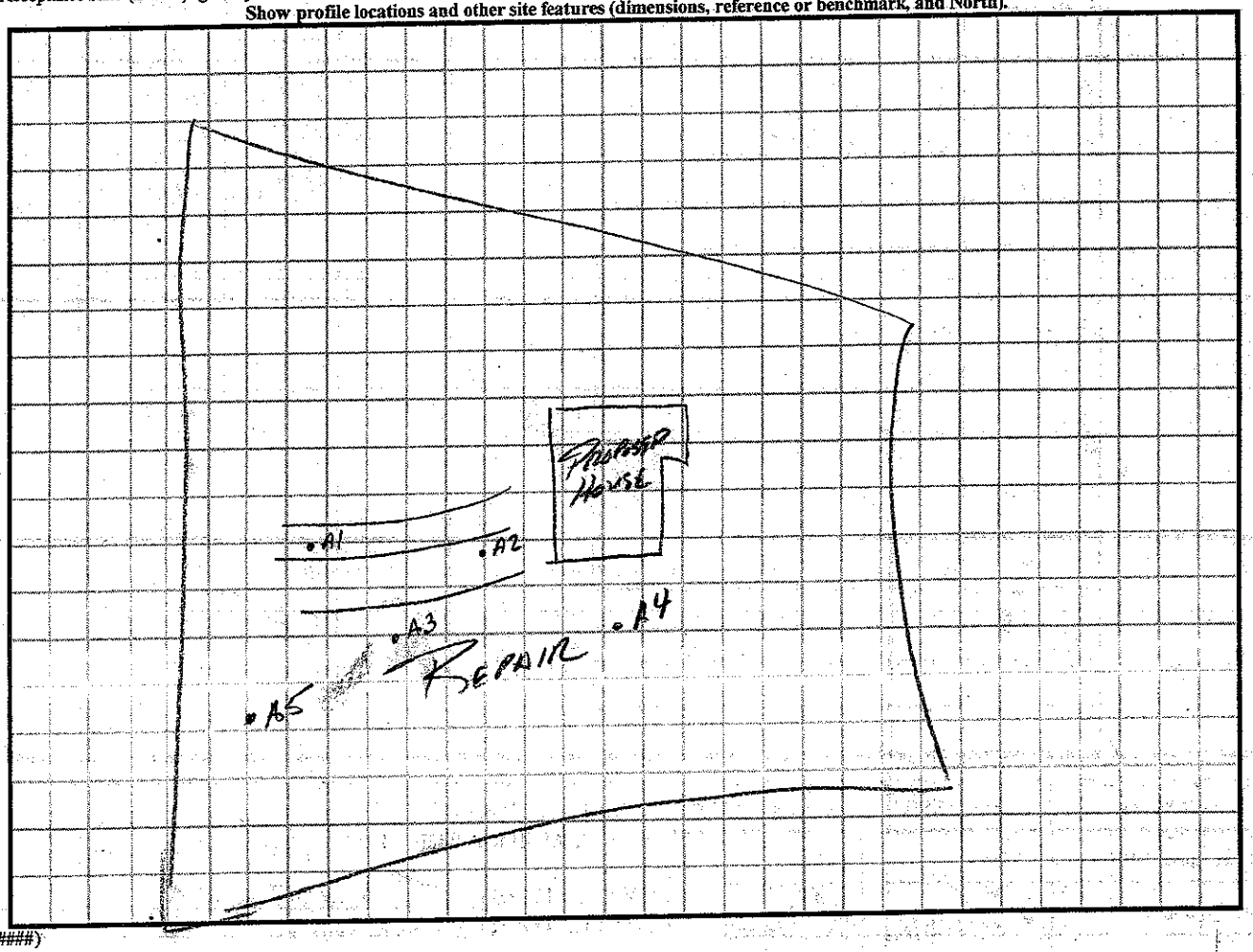
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or 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

6/30/15

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



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