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

Sheet ___ of ___
PROPERTY ID #: 115431
COUNTY: 4629-70-8918

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Applicant
OWNER: ~~OWNER~~ ROP JWL APPLICATION DATE 9304
ADDRESS: 715 COLISEUM DR, ~~state~~ Winston Salem NC 27106 DATE EVALUATED: ___
PROPOSED FACILITY: 3 BR HOUSE PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: 1.55 AC
LOCATION OF SITE: MORRISON FARM (12) RODEO ON LEFT ALLENDALE DT 37 PROPERTY RECORDED: YES
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other EXISTING
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	2	1 HIT ROCK 2 ~~Hit Rock~~ /saprolite at 32"		30"	FLOATER				US
3	10% L	0-6 6-24 24-48"	sl wk gr cmod sbk cl wk gr	fr sp nps fi s psp fr ss sps ep		>48"			PS .3
4	18% L	ROCK 24"		FLOATER					US
5	18% L	0-6" 6-24 24-48" fw sap inclusion <50%	sl wk gr cmod sbk sic/ wk fr ss sps ep	fr sp nps fi s psp fr ss sps ep		>48"			PS .3

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	PUMP 50% RED	UP 50% RED
Site LTAR	.3	.3

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PP
EVALUATED BY: L. LOOK
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.

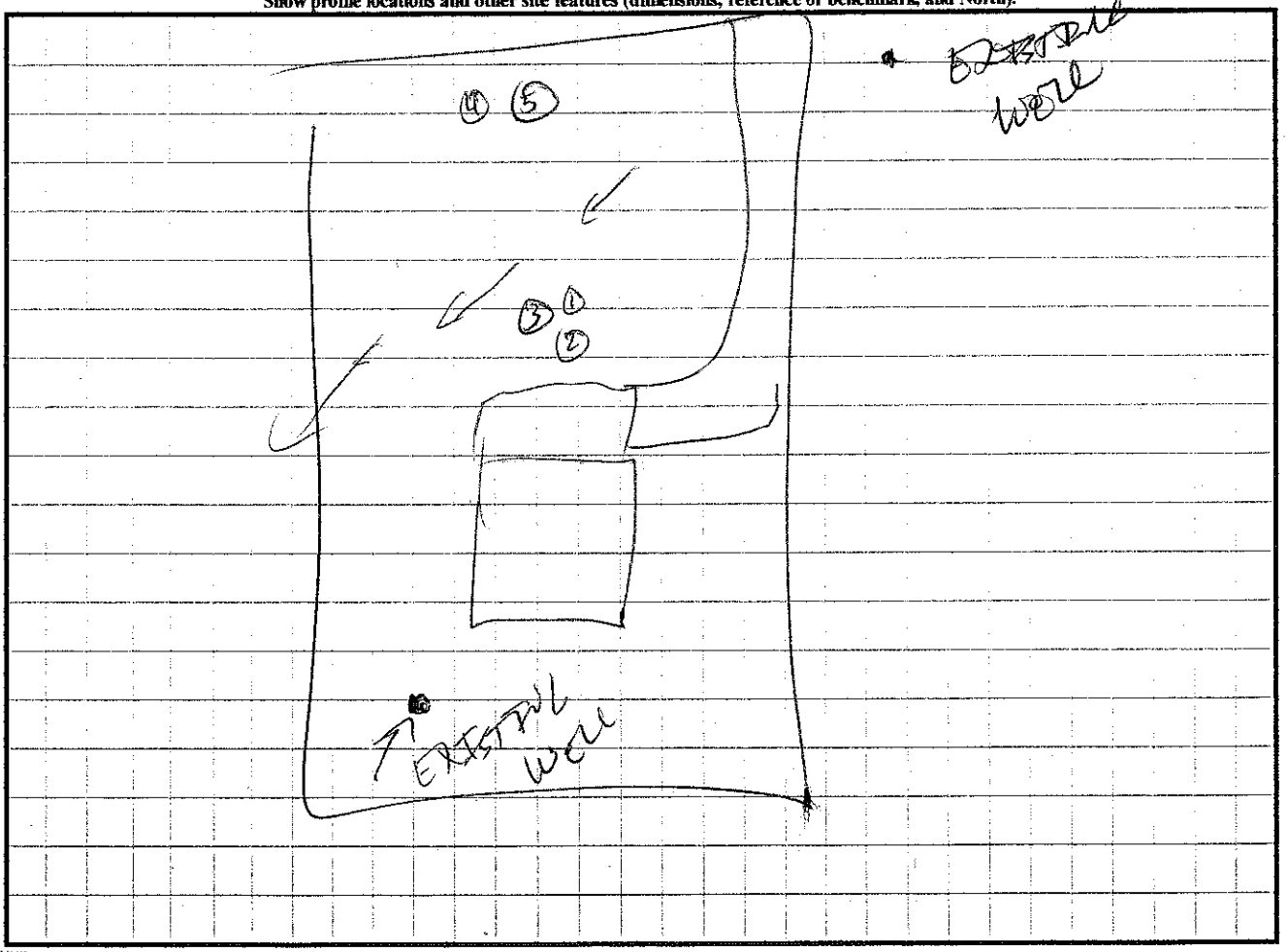
NOTES

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 (#####)

'ARTMENT OF ENVIRONMENT,
ALTH, & NATURAL RESOURCES
ISION OF ENVIRONMENTAL HEALTH

SHEET 1 OF 1
PROPERTY I.D.#: 4629 70 8918
PROPERTY RECORDED:
COUNTY: IREDELL

SOIL/SITE EVALUATION
FOR
ON-SITE WASTEWATER SYSTEM

'LICANT: JOHN GEORGE OWNER: ✓ AGENT: PHONE: (910) 773-1029
DRESS: 361 WEST END BLVD APPLICATION DATE: DATE EVALUATED: 10-31-97
W-S, NC 28101 PROPOSED FACILITY: 3BR HOUSE W/ BASEMENT PLAN
PROPERTY SIZE: ~85 X 290'
CATION OF SITE: ALEXANDER POINT #37
TER SUPPLY: On-Site Well ✓ Comm. Well Public Other EVAL. METHOD: Auger Boring ✓ Pit Cut

PROFILE #	.1940 LANDSCP POS. (%)	HORIZON DEPTH (IN.)	.1941 STRUCTURE/TEXTURE	.1941 MINERALOGY/ CONSISTENCE	.1942 WETNESS COND.	.1944 RESTRICT HORIZONS	.1948 CLASS OF HORIZ	1943/ 1956 SAPRLT CLASS.	HORIZON LTAR
1	L 10%	0-28	SBK / CL	1:1 / FI	—	—	—	—	0.3
		28-48	WSBK / SiC	1:1 / FR					
2	H 10%	0-28	SBK / C	1:1 / FI	—	—	—	—	0.3
		28-48	WSBK / CL	1:1 / FR					
3	L 12%	0-36	SBK / C	1:1 / FI	MANGANESE @ 36" MOTTLES @ 48"	—	—	—	0.3
		36-48	WSBK / SiC	1:1 / FR					
4									
5									

AILABLE SPACE (.1945) S SITE CLASSIFICATION (.1948): PS SITE LONG-TERM ACCEPTANCE RATE: 0.30 GPD/FT²
ALUATED BY: S. HEDRICK OTHER(S) PRESENT: JOHN GEORGE, MIKE ?
MMENTS: