VISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Jalal Maitazeri APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 9/7/2000
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Yacht Cove Lot #18 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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-24"	Rd/Brn C/M, mSBK	S-SS, SP, SE					PS
		24-34	Rd/Brn C/M, wSBK	SS, SP, SE	FR				r3
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
vailable Space (.1945)		
stem Type(s)		
te LTAR		

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

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

Sheet 1 of 1
PROPERTY ID #: _____
COUNTY: Iredell Co. _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Michael Shalvoy _____ APPLICATION DATE: 10-12-12 _____
ADDRESS: _____ DATE EVALUATED: 10-10-12 _____
PROPOSED FACILITY: 4 Bedroom _____ PROPOSED DESIGN FLOW (.1949): 480 gpd _____ PROPERTY SIZE: .72 ac. _____
LOCATION OF SITE: Yacht Cove Lane _____ 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	LS 0-2% Initial	0-18	R C SBK	FR SS/SP SEXP		48"			PS .3-.35
		18-44	R CL SBK	FR SS/SP SEXP					
		44-48	R L WSBK	VFR SS/SP SEXP					
2	LS 0-2% Initial	0-3	Br.SCLWSBK	FR SS/SP SEXP		48"			PS .3-.35
		3-20	R C SBK	FR SS/SP SEXP					
		20-44	R CL SBK	FR SS/SP SEXP					
		44-48	R L WSBK	VFR SS/SP SEXP					
3	LS 5% Repair	0-28	R C SBK	FR SS/SP SEXP		48"			PS .3
		28-48	R CL SBK	FR SS/SP SEXP					
4	LS 6-7% Repair	0-26	R C SBK	FR SS/SP SEXP		48"			PS .3
		26-48	R CL SBK	FR SS/SP SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	LP PANEL	TS-II PANEL

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS

MIKE

Site LTAR	.3	.3	EVALUATED BY: MA&ASSOC., INC. BEN ALDRIDGE RA 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.

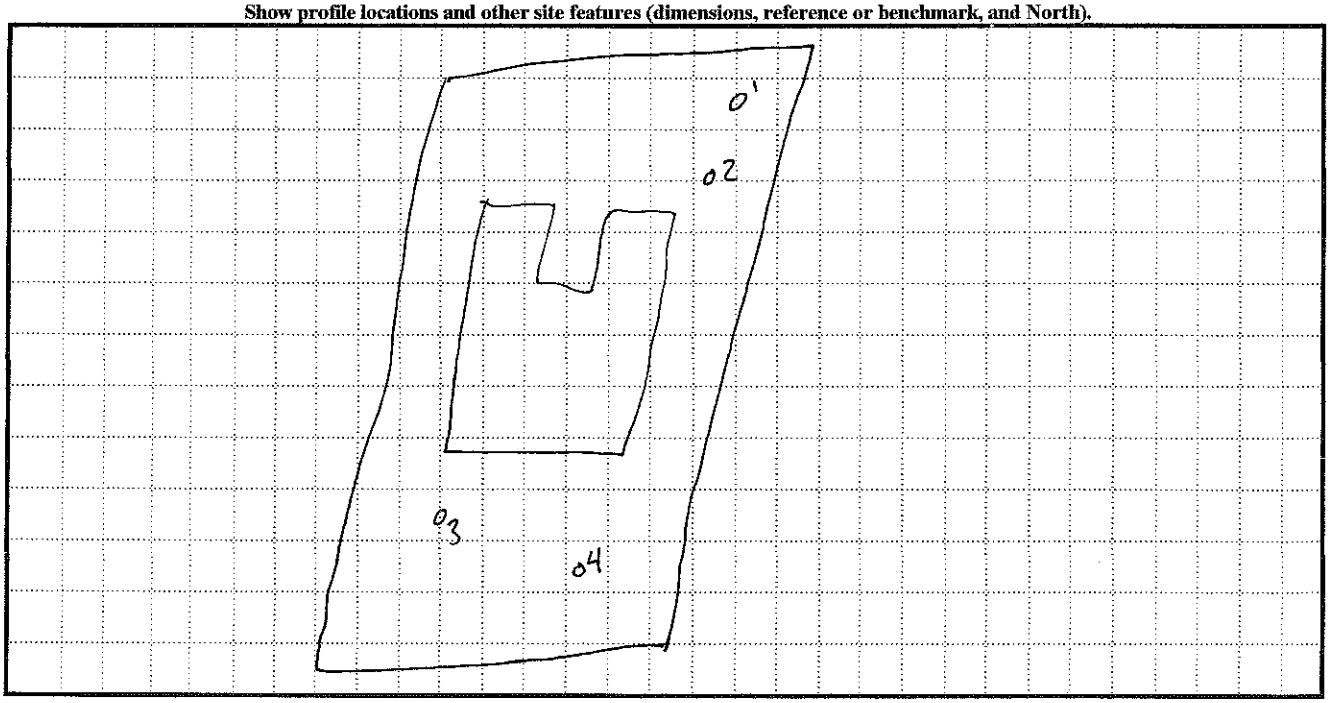
NOTES

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.

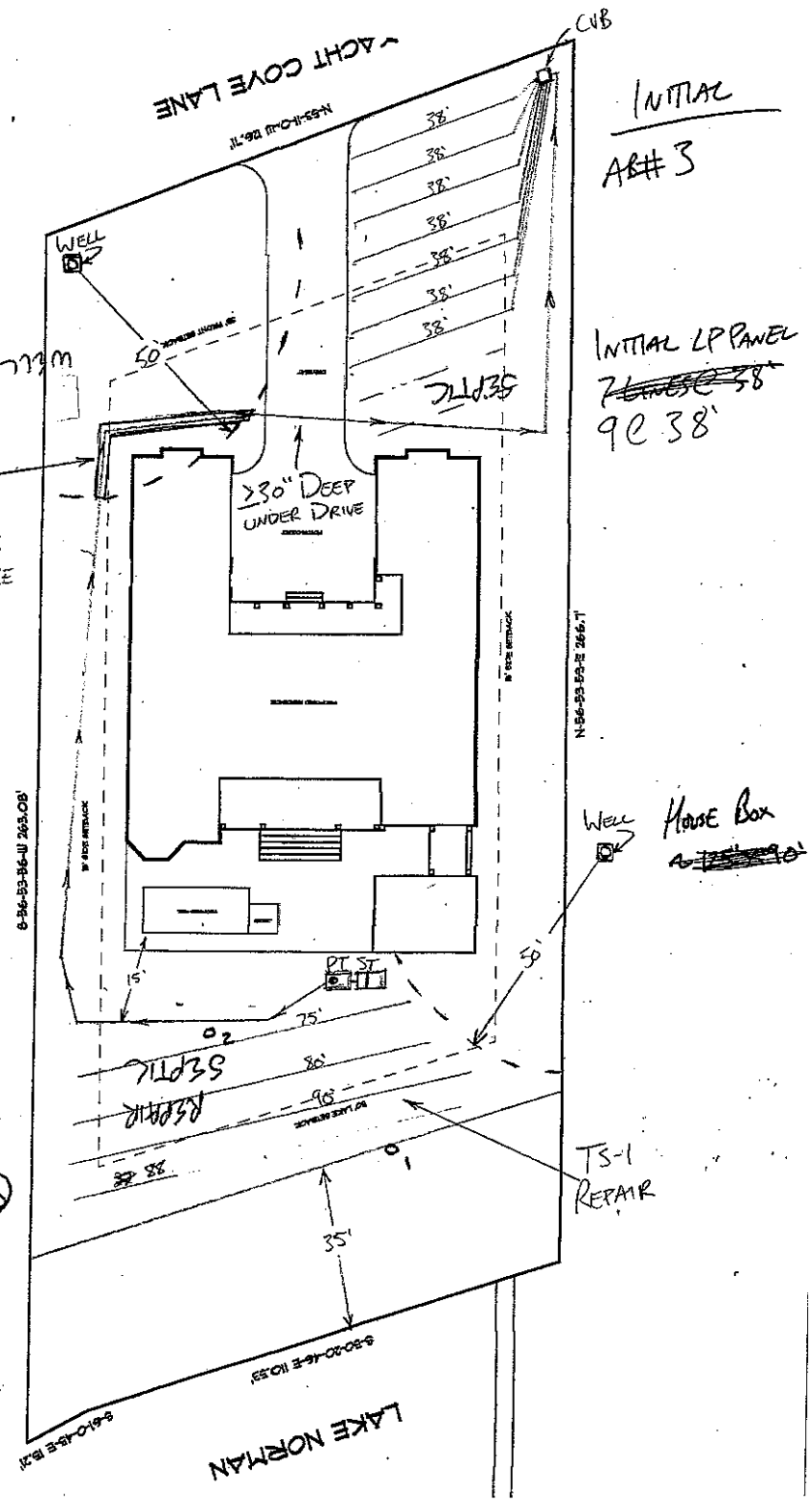
Long-term Acceptance Rate (LTAR): gal/day/ft²

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



SOIL/SITE EVALUATION

(Continuation Sheet)



REPAIR

AB#1 0-30 CLMSBK

30-48 CMSBK (1.3)

AB#2 0-44 CLMSBK

44-48 LSAP SS (1.1)

REPAIR LP PANEL

30" TRENCH BOTTOM

PRE TREATED (TS-1)