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

Sheet 2 of 2
PROPERTY ID #:
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Harvest Baptist Church APPLICANT: Same
ADDRESS: APPLICATION DATE: DATE EVALUATED:
PROPOSED FACILITY: Church Bldg PROPOSED DESIGN FLOW (.1949): 858 PROPERTY SIZE: 16.6 Ac.
LOCATION OF SITE: PROPERTY RECORDED: Yes
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON 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	PROFIL. CLASS & LTAR
1	Linear 7%	0-3	L g						
		3-25	el Agk	fi Sp SE-P					
		25-36	C 4 Sap Sbk	Fi SS Sp SE-P					PS .25
		36-58	L wmpa Sap (G)	Fr SS NP SE-P					
2	Linear 7%	0-9	L g	Fr SS NP NE-P					
		9-24	C el Agk	Fi Sp SE-P					PS .25
		24-37	C 4 Sap Sbk	Fi SS Sp SE-P					
		37-57	Sap (L) g	Fr SS NP NE-P					
3	Linear 7%	0-3	L g	Fr SS NP NE-P					
		3-21	el Agk	Fi S P SE-P					PS .25
		21-29	C V Sap Sbk	Fi SS Sp SE-P					
		29-54	Sap L (weath)	Vfr SS NP SE-P					
4									

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Bill Johnson
OTHER(S) PRESENT: John Teague

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)		SLC (Silt Loam Clay)				
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)
					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)

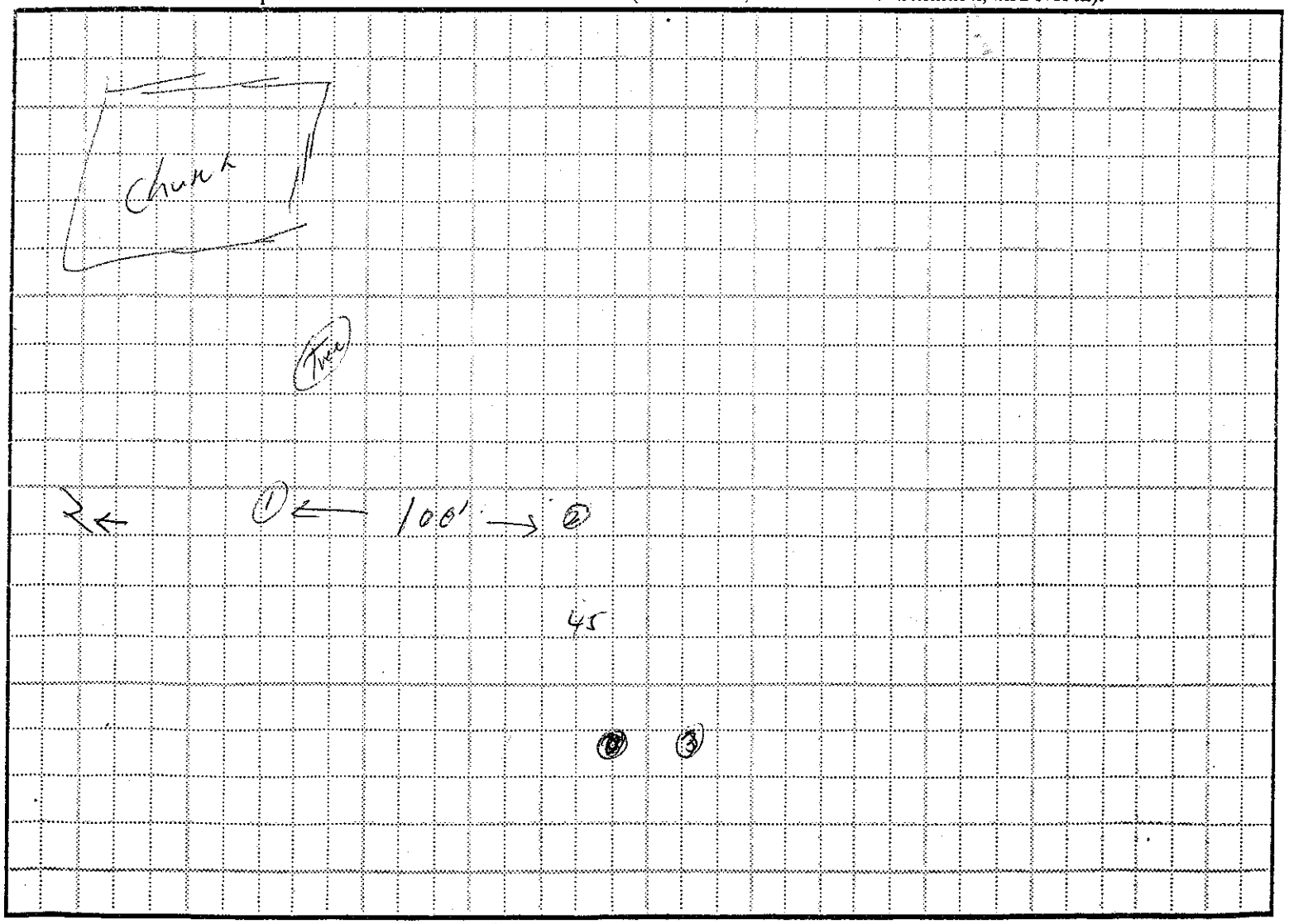
NOTES

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).



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

Sheet 1 of 2
PROPERTY ID #:
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Harvest Baptist Church APPLICANT: Harvest Baptist Church
ADDRESS: Statesville NC APPLICATION DATE: DATE EVALUATED: 2/20/02
PROPOSED FACILITY: Church PROPOSED DESIGN FLOW (.1949): 4ff PROPERTY SIZE: ± 16.6 Ac
LOCATION OF SITE: PROPERTY RECORDED: Yes
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON 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	PROFIL CLASS & LTAR
1	Linear	0-9	cl DK BRN SBk	fr SS SP SEHP					PS
		9-32	C Red BRN ASBk	fi S P SEHP					.25
		32-35	C 4% Few Sap ASBk	fi S P SEHP					
		35-48	cl 4% Few Sap + Mica Flakes	Fr SS SP SEHP					
2	Linear	0-9	cl DK BRN	fr SS SP SEHP					PS
		9-18	C 4% Mica Flakes Sap ASBk	fi SP SEHP					.25
		18-30	cl W Sap/Mica SBk	fr					
		30-40	Sap						Need Pit
3	Linear	0-6	cl DK BR	fr SS SP SEHP					PS
		6-19	C Red Bor ASBk	fi S P SEHP					.25
		19-28	cl W Sap ASBk	fi S P SEHP					
		28-31	cl Cr/Sap SBk						
		31-48	Sap						
4									

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

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SITE CLASSIFICATION (.1948):
EVALUATED BY: Bill Johnson
OTHER(S) PRESENT:

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