DENR/DEH

ON-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Countryside Bap Church
ADDRESS: Rivershill Rd-1, Statesville
PROPOSED FACILITY: Church
PROPOSED DESIGN FLOW (.1949): 1000 gpd
LOCATION OF SITE: 1233 Rivershill Rd., Statesville
APPLICATION DATE _____
DATE EVALUATED: 4-21-10
PROPERTY SIZE: 5Ac
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 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	4-6% L	0-5	gr fri sl	fr ss sp	None	48"	NA	None	≈ 3
		5-24	Sbk cl	fr ss sp sbk					
		24-44	Mbk cl	fr ss sp					
		44-48	Wk bk cl	fr ss sp fi mi sp, common manganese					
2	5% L	0-5	gr fri sl	fr ss sp	None	48"	NA	None	≈ 3
		5-23	Sbk cl	fr ss sp sbk					
		23-32	Mbk cl	fr ss sp sbk					
		32-48	Mbk cl	fr ss sp					
3	5% L	0-5	gr fri sl	fr ss sp	None	46"	NA	None	≈ 3
		5-28	Sbk cl	fr ss sp sbk					
		28-48	mbk cl	fr ss sp fi mi sp					
4	6% L	0-5	gr fri sl	fr ss sp					≈ 3
		5-34	Sbk cl	fr ss sp sbk					
		34-48	Mbk cl	fr ss sp fi mi sp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	S	S
System Type(s)	Con Conv.	Con Conv
Site LTAR	.3	.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): ES
EVALUATED BY: [signature]
OTHER(S) PRESENT: Young thick vegetation except area cleared for drainfield (135+72±)

COMMENTS: 10 Lines Flagged on site - Leave wrap 2 ft out of ground
Use 8 lines @ 139' each = 1112 LF. Use shortest option.
D = 1000
Design for 8 trans - 4" sch 80 (5.48 sq in/ trans)
CA = 21.25 ± 7 = 26.25 > 42.25 + 20% contingency = 58'