DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: & Jacob Whitlaw - Repair — APPLICATION DATE 1-11-16
ADDRESS: Same as Site — DATE EVALUATED: 1-14-16
PROPOSED FACILITY: 3 BR House — PROPOSED DESIGN FLOW (.1949): 360 gal/day — PROPERTY SIZE: 0.9
LOCATION OF SITE: 218 Canterbery Place Mooresville, NC — PROPERTY RECORDED: Yes
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☒ Other Community Well
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
1	Formerly Existing Field side Slope ~8%	0-10	Clay Loam weak SBK	Slightly Friable, SS, Sp, Sexp	—	46"	—	—	0.3 PS
		10-16	Sandy Clay Loam weak SBK	Friable, SS, Sp, Sexp					
		16-37	Clay weak SBK	Slightly Firm, SS, Sp, Sexp					
		37-46	Clay Loam weak SBK	Friable, SS, Sp, Sexp	Saprolite inclusions from 39" → 46"				
		46-50"	Loamy Saprolite	Well Drained + Friable					
2	Side Yard side Slope ~7%	0-4	Loam ABK-moderate	Friable, SS, Sp, Sexp	—	47"	—	—	0.3 PS
		4-7	Clay Loam weak SBK	Slightly Friable, SS, Sp, Sexp					
		7-23	Clay weak SBK	Slightly Firm, SS, Sp, Sexp					
		23-47	Clay Loam weak SBK	Slightly Friable, SS, Sp, Sexp	+SAP inclusions from 41"-47"				
		47-49	Loamy Saprolite	Well Drained + Friable					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	—	78' + 238' 316'
System Type(s)	—	25% Reduction
Site LTAR	—	0.3

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: _____

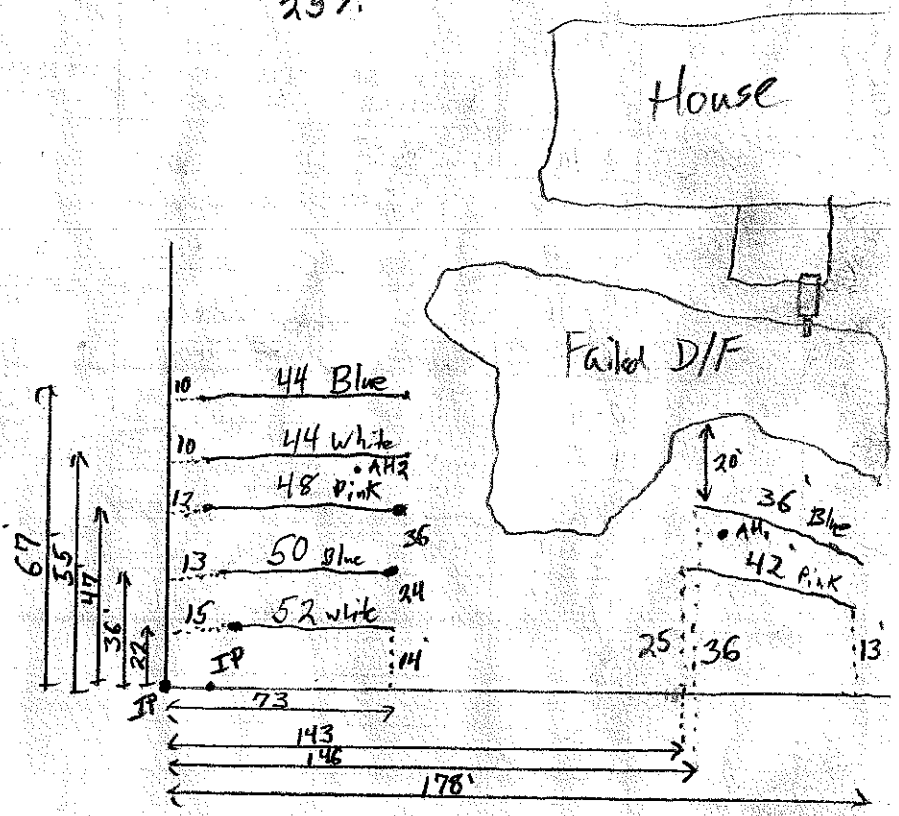
COMMENTS: _____

★ 78' is ≈ 25% of 316 ★

2
Pink 1 = 42 78
Blue 2 = 36

52
50
48 233
44
41
316

78' vs 238
25% 75%



143 + 25 Pink
146 + 25 Blue