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: Grady + Nancy Lippard Et Al — APPLICATION DATE: 11-6-15
ADDRESS: 531 Stillwater Rd Troutman, NC 28166 — DATE EVALUATED: 12-18-15
PROPOSED FACILITY: Bathroom for picnic area — PROPOSED DESIGN FLOW (.1949): 100 gal/day — PROPERTY SIZE: 0.84 acres
LOCATION OF SITE: 531 Stillwater Drive — 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	Toe Slope 4% 6%	0-8	clay Loam weak SBK	slightly Firm, SS, Sp, Sexp	—	48	—	—	PS 0.3
		8-41	clay medium SBK/ABK	slightly Firm, SS, Sp, Sexp					
		41-48	clay Loam weak SBK	Friable, SS, Sp, Sexp	SAP inclusions 41-48"				
2	Toe Slope 5%	0-8	clay Loam weak SBK	slightly Firm, SS, Sp, Sexp	—	48	—	—	PS 0.3
		8-43	clay medium SBK/ABK	slightly Firm, SS, Sp, Sexp	SAP inclusions 35"-48" greater abundance w/ depth				
		43-48	clay Loam weak SBK	Friable, SS, Sp, Sexp					
3	Linear Side Slope Repair Area	0-7	clay Loam weak SBK	slightly Firm, SS, Sp, Sexp	—	44"	—	—	P.S. 0.275
		7-38	clay medium SBK/ABK	slightly Firm, SS, Sp, Sexp					
		38-44	clay Loam weak SBK	slightly Friable, SS, Sp, Sexp	Sap inclusions 38"-44" more common w/ depth				
		44-48	massive Loamy Saprolite	Friable, moderate draining					
4	Side Slope Repair Area	0-38	clay medium SBK	slightly Firm, SS, Sp, Sap	—	48	—	—	PS 0.275
		38-48	clay Loam weak SBK	slightly Friable, SS, Sp, Sexp					
		Common →	SOME SAPROLITE inclusions 40-48"						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	91 Liner feet	100+ linear feet
System Type(s)	35% Reduction	25% Reduction
Site LTAR	0.3	0.275

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

COMMENTS: Repair Area will require both a surface berm + interceptor drain

Shed
Shed
Utility Pole
Pipe

PC
Silvester Road
67'
Drain Hatch
50'
Repair Area
Ditch