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

4.6

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

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

OWNER: William Kacerek
ADDRESS: 25 Spyros Dr. S. Amboy, NJ
PROPOSED FACILITY: 4 BR House
PROPOSED DESIGN FLOW (.1949): 480 gal/day
LOCATION OF SITE: 462 Yadkin Valley Rd. Statesville
APPLICATION DATE: 10-29-15
DATE EVALUATED: 12-9-15
PROPERTY SIZE: 5 acres
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	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
AH 1	Linear Head slope/ side slope 7%	0-8	Sandy clay Loam weak SBK	slightly Friable, SS, Sp, Seap	mica flakes 24"+ common @ depth	—	—	—	PS 0.275
		8-36	Clay ABK medium	slightly firm, SS, Sp, Seap					
		36-48	Clay Loam weak SBK	Friable, SS, Sp, Seap					
			some SAP inclusions from 42"-48"						
AH 2	Linear Head Slope/ Side Slope 7%	0-5	Sandy clay Loam weak SBK	slightly Friable, SS, Sp, Seap	some gravels @ 34"	46"	—	—	PS 0.275
		5-34"	Clay weak ABK	slightly Firm SS, Sp, Seap					
		34-46	Clay Loam weak SBK	Friable, SS, Sp, Seap					
		46-49	Loamy Saprolite massive	well drained + Friable					
AH 3	300' SS Side Slope 7%	0-9"	SCL weak SBK	slight Friable, SS, Sp, Seap	—	—	—	—	PS 0.25
		9-27	Clay weak/med ABK	slightly Firm/Firm, SS, Sp, Seap					
		27-43"	Clay Loam weak SBK	slightly Friable, SS, Sp, Seap					
		43-48	Loamy Saprolite massive	moist/drained + Friable					
AH 4	HL HL 19' below water line Side Slope 7%	0-11	SCL weak SBK	slightly Friable, SS, Sp, Seap	—	—	—	—	PS 0.275
		11-37"	Clay med ABK	slightly Firm, SS, Sp, Seap					
		37-48	Clay Loam Very weak SBK						
			Sap inclusions @ 39"→48"						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	Yes	Yes
System Type(s)	25% Red	25% Red

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

4.6' Red L_1 = 110'

5.35' White L 2 110

5.95 Red L 3 110

6.45 White L 4 110

