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

PROPERTY ID #: 4638765776
COUNTY: Iredell

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

OWNER: Vicki Perkins
ADDRESS: 2304 Trail Creek Dr, Waxhaw NC 28173
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480gpd
LOCATION OF SITE: 160 Hideaway Lane Mooresville NC 28117
APPLICATION DATE: 12/4/14
DATE EVALUATED: 10/9/14
PROPERTY SIZE: 1.135
PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other Community water
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
B 1	L/5%	0-4	R l sr	Fr SS SP SEXP		48	—	—	PS 0.3
		4-48	RC mmsbk/ABK	F SS SP SEXP	+ sap				
B 2	L/9%	0-3	RB l sr	Fr SS SP SEXP		45	—	—	PS 0.3
		3-32	RC mmsbk/ABK	F SS SP SEXP					
		32-45	RC l mmsbk	Fr SS SP SEXP	+ sap/we				
		45	AR						
B 3	L/14%	0-4	B l sr	Fr SS SP SEXP		27	—	—	PS-21 0.1 Drip
		4-22	RBC mmsbk	" " " "	+ C[Ee]dep l. + f.sap, Chr 2's @ 21"				
		22-27	RYC mmsbk	" " " "	+ same				
B 4	L/9	0-8	RSL Gr	Fr SS SP SEXP	+ Quartz	40"			PS .125
		8-30	RC mmsbk/ABK	Fr SS SP SEXP					
		30-40	RY C mmsbk	Fr SS SP SEXP	+ Ch. R 2@36"				
		40+	AR						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	0.3	0.1
Site LTAR	PPBPS	Drip Irrigation

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Wendell Waverly & S. Ashley Hollars
OTHER(S) PRESENT:

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

Sheet 4 of 4

PROPERTY ID #: 4638765776
DATE OF EVALUATION: [redacted] 10/9/14
COUNTY: Johnston
Iredell

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
B 5	L/10%	0-4	BL G	Fr SS SP					
		4-48	RC mmsbk/Abk	Fr SS SP Sca/P	Few White/yellow mineral Segs.	48"	–	–	PS .3
B 6	L/14%	0-5	RBL G	Fr SS SP					
		5-11	RB Cl wmsbk	Fr SS SP					
		11-31	RC wmsbk	Fr SS SP	Few White Mineral Segs				PS
		31-38	YRC wmsbk	Clr @ 38"	Common Fe Dep in Cores	38"	–	–	.25
7		0-38	RC SBK	fr: SS SP	common SAP	38-30"			
		38-46	RCL wSBK	fr SS SP					.275
8		0-4	BSCL GR	fr SSSP Scap					
		4-42	RC SBK	fr SSSP Scap					
		42-46	RCL wSBK	fr SSSP Scap	common SAP				.3
9		0-4	BSCL-gravelly	fr SSSP Scap					
		4-32	RC SBK	fr: SP -	2 chromas @ 32"				.2 20 32"

COMMENTS: