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

OK w/ soils w 4th 0.25 LTAR2 JA

Sheet 1 of 2
PROPERTY ID #: 4786039882
COUNTY: Iredell

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

OWNER: Romone Speller
ADDRESS: 253Saint Jill Cir, Statesville, NC 28625 APPLICATION DATE
PROPOSED FACILITY: _3 bdrm PROPOSED DESIGN FLOW (.1949): _360 GPD DATE EVALUATED:
LOCATION OF SITE: 214 Fifth Crk Rd, Blueberry Hill Est Lot 27 PROPERTY SIZE: 2.14 AC
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other PROPERTY RECORDED: 2/24/1994
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	LS 5%	0-4	Br CL WSBK	FR SS SP SEXP	N/A	48"	F-C SAP/WR	N/A	PS 0.3
		4-28	R C SBK	FR SS SP SEXP					
		28-48	R CL WSBK	FR SS SP SEXP					
2	LS 7%	0-10	Br CL WSBK	FR SS SP SEXP	N/A	48"	F-C SAP/WR @43"	N/A	PS 0.3
		10-48	R C SBK	FR SS SP SEXP					
3	LS 7%	0-10	Br CL WSBK	FR SS SP SEXP	N/A	48"	F-C SAP/WR @ 42"	N/A	PS 0.3
		10-48	R C SBK	FR SS SP SEXP					
4	LS 7%	0-18	Br SCL WSBK	FR SS SP SEXP	N/A	48"	N/A	N/A	PS 0.3
		18-48	R C SBK	FR SS SP SEXP					

0.25 JA

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	900 FT2	936 FT2
System Type(s)	25% Reduction	25% Reduction
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&A
OTHER(S) PRESENT:

COMMENTS:

OK w/ Soils @ 0.25 LTAR HA

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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PROPERTY ID #: 4786039882
DATE OF EVALUATION: _____
COUNTY: Iredell

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
5	LS 10%	0-6	Br CL WSBK	FR SS SP SEXP	N/A	48"	F-C SAP	N/A	PS 0.3
		6-34	R C SBK	FR SS SP SEXP					
		34-48	R CL WSBK	FR SS SP SEXP					
6	LS 10%	0-6	Br CL WSBK	FR SS SP SEXP	N/A	42"	F-C SAP/WR	N/A	PS 0.3
		6-42	R C SBK	FR SS SP SEXP					
		42-48	WR/SAP M	FR SS SP					

HA 0.25

COMMENTS: _____



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

Reference: Data Sheet for 214 Fifth Creek Rd, Blueberry Hills Est, Lot 27
House Footprint: 60' x 55'
Building Setbacks: 35' front/rear, 15' side, 25' side street
Water Source: Iredell Water
Number of Bedrooms: 3/360 GPD
Proposed LTAR: 0.25 GPD/FT2 (ICHD)
Proposed System Type: 25% Reduction
Proposed Repair System Type: 25% Reduction
Distribution: Gravity-End cap/drop box
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 24"

Line	Design Length	Actual Length
Yellow 1	**90'**	**90'**
Blue 2	**90'**	**91'**
Red 3	**90'**	**92'**
White 4	**90'**	**93'**
Yellow 5		152'
Blue 6		105'
White 7		55'
Unflagged		50'

Initial System: 360' **Repair System:** 362'

Comments:
The house is marked in orange flags. Iredell County Health Dept. determined the LTAR to be 0.25 GPD/FT2.

Scale 1"=50'
N
Garris Dr.
0' R/W (Paved)
1/2" EIR
RCP
S 75° 39' 53" W
80.86'
N 13° 29' 17" W
321.86'
5th Creek Rd
Add. this 50' Line & Logging Road
Repair Area
S 18° 00' 36" E
311.40'
1/2" EIR
2V
53' House
60'
W1-55'
B1-105'
Y5-152'
B3-90'
B2-90'
Y1-90'
100'
280.80'
N 75° 16' 32" E
1/2" EIR
PB