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LICENSED SOIL SCIENTIST
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Reference: Data Sheet For Meadows Farm Lot 8, 536 Wiggins Rd
House Footprint: 60' x 60'
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-Drop boxes/end cap
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 24" (initial), 30" (repair)

Line	Design Length	Actual Length
Pink 1		83'
White 2		105'
Blue 3		110'
Red 4		60'
White 5	**60'**	**65'**
Pink 6	**75'**	**85'**
Blue 7	**65'**	**75'**
Red 8	**60'**	**67'**
White 9	**50'**	**59'**
Pink 10	**45'**	**52'**
Blue 11	**45'**	**48'**
Red 12		38'

Initial System: 400' **Repair System:** 396'

Comments:

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: _____
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: IQ Homes _____ APPLICATION DATE _____
ADDRESS: 840 Edmidston Rd Mt. Ulla, NC _____ DATE EVALUATED: _____
PROPOSED FACILITY: 4 bdrm _____ PROPOSED DESIGN FLOW (.1949): 480 GPD _____ PROPERTY SIZE: 1.01 AC _____
LOCATION OF SITE: Meadows Farm Lot 8, 536 Wiggins Rd _____ PROPERTY RECORDED: _____
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
PIT 8 A	LS 6%	0-8	Br SCL WSBK	FR SS SP	N/A	46"	F-C SAP PS	N/A	PS 0.3
		8-29	R C SBK	FR SS SP					
		29-46	R CL WSBK	FR SS SP					
		46-58	SL SAP M	VFR SS SP					
PIT 8 B	LS 10%	0-12	Br SCL WSBK	FR SS SP	N/A	50"	N/A	N/A	PS 0.3
		12-50	R C SBK	FR SS SP					
AB 8 C	LS 6%	0-6	Br SCL WSBK	FR SS SP	Few YB 30-35" No YB >35"	48"	N/A	N/A	PS 0.3-0.275
		6-35	R C SBK	FR SS SP					
		35-48	R CL WSBK	FR SS SP					
AB 8 D	LS 10%	0-16	R C SBK	FR SS SP	N/A	42"	F-C SAP C-M SAP PS	N/A	PS 0.3-0.4
		16-32	R CL WSBK	FR SS SP					
		32-42	R L WSBK	VFR SS SP					
		42-48	SL SAP M	VFR SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT2	1188 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3	0.275

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

COMMENTS: _____