

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
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Reference: Data Sheet for Meadows Farm Lot 7, 540 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: Drop boxes/end cap
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length
Pink 1	**80'**	**97'**
Blue 2	**80'**	**100'**
Black 3	**80'**	**103'**
Pink 4	**80'**	**97'**
Blue 5	**80'**	**97'**
Black 6		94'
Pink 7		91'
Blue 8		91'

Initial System: 400' **Repair System:** 276'

Comments:

APPROVED OCT 2 8 2014

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

PROPERTY ID #: _____
COUNTY: Iredell

APPROVED OCT 2 8 2014

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

OWNER: _IQ Custom Const._____ APPLICATION DATE_____
ADDRESS: 840 Edminston Rd., Mt Ulla, NC_____ DATE EVALUATED: _____
PROPOSED FACILITY: _4 bdrm_____ PROPOSED DESIGN FLOW (.1949): _480 GPD_____ PROPERTY SIZE: _1.03 AC_____
LOCATION OF SITE: _540 Wiggins Rd., Meadows Farm Lot 7_____ 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)		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	
P 1	LS 10%	0-20	R C SBK	FR SS SP	N/A	43"	F-C SAP	N/A	PS 0.3+
		20-43	R CL WSBK	FR SS SP					
		43-64	SL SAP M	VFR SS SP			PS		
P 2	LS 10%	0-13	R C SBK	FR SS SP	N/A	59"	F-C SAP	N/A	PS 0.3+
		13-59	R CL WSBK	FR SS SP					
		59-65	L SAP M	VFR SS SP			PS		
P 3	LS 10%	0-13	R C SBK	FR SS SP	N/A	44"	F-C SAP	N/A	PS 0.3+
		13-44	R CL WSBK	FR SS SP					
		44-63	SL SAP M	VFR SS SP			PS		
P 4	LS 12%	0-28	R C SBK	FR SS SP	N/A	45"	Few SAP F-C SAP	N/A	PS 0.3+
		28-45	R CL WSBK	FR SS SP					
		45-67	SL SAP M	VFR SS SP			PS		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT2	828 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____PS_____
EVALUATED BY: __M A & Associates_____
OTHER(S) PRESENT: _____

COMMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: Meadows Farms Lot 7_
DATE OF EVALUATION: ____________
COUNTY: _IREDELL_____

APPROVED OCT 2 8 2014
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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	
AB 1	LS 10%	0-18	R C SBK	FR SS SP	N/A	40"	F-C SAP	N/A	PS 0.3-0.4
		18-40	R CL WSBK	FR SS SP					
		40-48	L SAP M	VFR SS SP					
AB 2	LS 8%	0-15	R C SBK	FR SS SP	N/A	33"	F-C SAP	N/A	PS 0.3-0.4
		15-33	R CL WSBK	FR SS SP					
		33-48	SL SAP M	VFR SS SP					

COMMENTS:____