

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
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Reference: Data Sheet for 129 Alder Springs Lane, Farms SD, Iredell County NC
House Footprint: Existing House
Water Source: Community Well
Number of Bedrooms: 4/480gpd
Pre-determined LTAR: Initial 0.3 gpd/ft2, Repair 0.3 gpd/ft2
Existing System Type: 25% Reduction
Comments: The current owners wish to have a pool in the rear of the house, MA&A has re-established the existing system and laidout a panel repair. Two soil borings were completed in order to verify the previous soil rating/LTAR.

Line	Actual Length	Design Length
Pink 1	**80'**	
Orange 2	**80'**	
Pink 3	**80'**	
Orange 4	**80'**	
Pink 5	**80'**	
Blue 6	75'	
White 7	70'	
Blue 8	51'	
Blue 9	40'	
White 10	33'	

Initial System: 400' of 25% Red.

Repair System: 269' of LP PPBPS