

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
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Reference: Data Sheet for 128 Logan Ridge Dr., Wheatfield Subdivision Lot 19
House Footprint: 60' x 66'
Building Setbacks: 35' front/back, 15' sides
Water Source: Private Well
Number of Bedrooms: 3/360 GPD
Proposed LTAR: 0.225 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: 25% Reduction
Distribution: Pressure Manifold
Flow per Tap: 5.48 GPM
Hole Size & Material: ½" SCH 80
System Flow: 27.4 GPM
Dosing Volume: 175 gallons
Pump Run Time: 6.4 minutes
Elevation Head: 9.3'
Friction Head: 2.2'
Pressure Head: 2'
Total Dynamic Head: 16.2'
Supply Line Length: 110'
Septic/Pump Tank Size: 1000 gallons
Proposed Trench Bottom: 18"

Line	Design Length	Actual Length	Elevation
White 1		28'	5.0'
Blue 2		54'	5.5'
Orange 3		92'	5.8'
Blue 4	**80'**	**100'**	**6.2'**
White 5	**80'**	**93'**	**6.4'**
Pink 6	**80'**	**82'**	**6.6'**
Blue 7	**80'**	**90'**	**7.1'**
White 8	**80'**	**80'**	**7.7'**
Blue 9		50'	8.3'