

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
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Reference: Data Sheet for Lot 145 Anniston S.D., Iredell County NC
House Footprint: Refer to Plat
Water Source: Private Well
Number of Bedrooms: 480gpd
LTAR: .25gpdft2
System Type: Initial LP PPBPS, Repair LP PPBPS
Distribution: CVB
Pressure Head: 2'
Hole Size: ~~59~~ 3/16"
Number of Panels: 73
System Flow: 43.07 gpm
Dosing Volume: 262.8 gal/dose
Pump Run Time: 6.10 min
Pump Tank Drawdown: 12.51"
Elevation Head: 5.0
Friction Head: 0.5
Total Dynamic Head: 9.0
Trench Bottom Square Footage: 640 ft2
Supply Line Length: 10-15'
Septic/ Pump tank size: 1000 ST, 1000 PT

Line	Actual Length	Design Length	Elevation
Blue1	**28'**	**28'**	**9.9'**
White 2	**34'**	**34'**	**8.9'**
Pink 3	**40'**	**40'**	**7.8'**
Blue 4	**45'**	**45'**	**6.9'**
White 5	**52'**	**52'**	**5.5'**
Pink 6	**58'**	**58'**	**4.1'**
White 7	**63**	**63'**	**3.0'**

Septic/Pump: 1.0, 1000gals
Initial System: 320' of PPBPS
House Corner: 0.9
Repair System: 426' of PPBPS
Benchmark: Front Left Corner, -11.5

Comments: This lot currently is permitted as a five bedroom LP PPBPS; presently we have relocate the house

to the front of the lot and placed the septic below the house. Please note we are proposing to lower the number of bedrooms to four and still keep low pressure panels for the system type (8' centers). As far as the repair, we are proposing to leave that unchanged (426'). If there are any questions, please feel free to call me @ 704-576-3887.