Indian Hill Lot #1

To: Sammy Reavis
Fax 704-546-2424

Pump Design Sheet **For:** **By:**

System Length (linear ft)	200	Total Flow (gpm)	25.29
# of 16in Panels	46		
# of Lines	5		
Hole Size (in) (5/32=.156 3/16=.118)	0.156	Friction Loss (ft) - Supply Line	1.10
Drainfield Pipe Size (in)	1.25	Friction Loss (ft) - Valve Box	4.00
Supply Line Size (in)	2	Friction Loss (ft) - Drain Lines	9.01
Supply Line Length (ft)	60		
Pressure Head (ft)	3	Friction Loss (ft) - Total	14.11
Elevation Head (ft)	12		
		Total Dynamic Head (ft)	37.61
Septic Tank Size (gal)	1000		

When choosing a pump for this system, you will need a pump that can deliver:

25.29 GPM against **37.61** FT of Total Dynamic Head

Dose Volume (gal)	166.15
Pump Run Time (min)	6.57
Tank Drawdown (in)	7.91

From
Iredell Co. Health Dept
Fax 704-662-3239
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