DOSING CALCULATIONS

Location Honeysuckle Creek

Lot No: Lot 26

No. of Bedrooms	4	
Design Flow	480	$^{gal}/_{day}$
LTAR	0.200	$^{gal}/_{ft^2\ day}$
PPBPS? (YES OR NO)	YES	
Supply Line Length	Not Known	ft.
Supply Line Volume	Not Known	gal.
Required Feet of Line		ft.
Amount of Line from Layout	28	ft.
Gallons per Minute	3.54	$^{gal}/_{min}$
Required Septic Tank Capacity	Existing	gal.
Minimum Standard Tank Size	Existing	
Panel Volume	3.6	gal.
# of Panels	6	
Dosing Volume	14.47	gal.

Note: Dosing Volume based on 67% of # of panels times 3.6 gal/panel

Tank Draw Down	0.7	*Generic Draw Down of 31 gal.per in.*
Pump Run Time	4.09	minutes
Elevation Head		ft.
Pressure Head	2	ft.
Friction Factor		ft./100 ft. *(From the interpolater.)*
Friction Head		ft.
Total Dynamic Head (+20%)		ft.

FRICTION FACTOR INTERPOLATER
2" SCH 40 PVC

GPM	*f*
20	0.84
	-0.88
25	1.27
	-1.28
30	1.78
	-1.76
35	2.37
	-2.25
40	3.03
43.07	3.48
45	3.77
48.14	4.28
50	4.58
57.11	5.89
60	6.42