

	IN	OUT	RESIDUAL
SUN	950	272	678
MON	0	272	406
TUES	0	272	134
WED	950	272	812
THUR	0	272	540
FRI	0	272	268
SAT	0	268	0

SEPTIC TANK = $V = 1.179 \times 500 = 611.5 \approx 1750$ MIN TANK SIZE

PUMP TANK = 3000 gal

DOSE VOLUME (40% - 80% OF DRAINING PIPE VOL)

$$303 \times .65 \times .69 = 136'$$

DOSE TWICE PER DAY

$$3 \times 101' @ 24''$$

PRESSURE MANIFOLD

3 \times $\frac{3}{4}$ " TAPS

$$3 \times 12.5 = 37.5 + 2 = 39.5 \approx 40 \text{ gpm}$$

3" MANIFOLD

6" TAP SPACING

$\frac{3}{4}$ " TAPS

$$TDM = PH + FH + EH$$

$$PH = 2$$

$$EH = 5.5'' + 6' (\text{TANK}) \approx 6.5'$$

$$FH = 30' \quad .3 \times 3.03 = .909 \times 1.2 = 1.0908 \sim 1'$$

$$TDM = 9.5'$$

$$40 \text{ gpm} @ 9.5' \text{ TDM}$$