

10/6/04
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2" sch 40 Supply Line 75 ft.
3 1/2 sch 40 taps $\cdot 3 \times 7.11 = 21.3 + 2 = 23 \text{ gpm}$

$$PH = 2'$$

$$EH = 3'4" + 6' = 9'4"$$

$$TDH = FH + PH + EH$$

$$= 1.27 \times 75 \times 1.2$$

$$TDH = 1.2 + 2 + 9$$

$$TDH = 12'$$

pump 23 gpm @ 12' TDH

$$330 \times .65 = 214.5 \times .66 = 142 \text{ dose}$$

$$\frac{142}{21 \text{ gal}} = 6.5 \text{ dose down}$$