

		Fort A P Hill, 2001		
Location	Chlorine Feed lbs per day	Gpm	Mgd	
1) Archer Well	7.0	130	.1872	
2) Drop Zone Well #1	17.5	327	.4708	
3) Drop Zone Well #2	8.0	150	.2160	
4) Heth Well	3.5	65	.0936	
5) Davis Well #1	4.5	72	.1036	
6) Davis Well #2	12.0	222	.3240	
7) Davis Well #3	12.5	229	.3297	
8) Arena Well #1	16.5	305	.4392	
9) Arena Well #2	Out of Service			
10) Rodes Well #1	5.0	90	.1296	
11) Rodes Well #2	Out of Service			
12)** Longstreet Well	5.25	98	.1411	
13) Lodge Well	9.5	177	.2548	

$$(\text{mg/L})(\text{Flow mgd})(8.34\text{lb/gal}) = \text{lb/day}$$

Example: Drop Zone #1 327 gpm =

$$\frac{(1440 \times 327 = \underline{470880})}{1,000,000} = .4708$$

$$3.0 \text{ mg/L demand}/1.5 \text{ mg/L residual} = \text{total } 4.5 \text{ mg/L}$$

$$4.5 \times .4708 \times 8.34 = 13.74 \text{ lb/day}$$