

Mason Point Lot 5

Bench Mark	is = 100.00		Location of BM EIP		Elevation Head	5.40			
Pump tank elev.	100.00		Pump elev.	94.60		Manifold elev.	96.30		
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
5	Red	4.70	95.30	140	1in SCH 80	16.8	189.83	420	0.4520
6	Orange	5.20	94.80	180	1in SCH 40	20.2	228.25	540	0.4227
7	Purple	5.80	94.20	45	1/2in SCH 80	5.48	61.92	135	0.4587

total	feet =	365	gal/min =	42.48	<u>LTAR =</u>	0.3500
					<u>LTAR + %5</u>	0.3675
			<u>Des. Flow</u>	480	(ltar W/ INOV)	0.4667
			Pump Run=	11.30	(ltar W/ INOV + 5%)	0.4900
			Tank Gal/IN	19.65		

**Mason Point Lot 5
Repair**

Bench Mark	is = 100.00		Location of BM EIP		Elevation Head	3.4			
Pump tank elev.	100		Pump elev.	95		Manifold elev.	98.4		
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Purple	2.60	97.40	45	1/2in SCH 80	5.48	61.33	135	0.4543
2	Blue	3.20	96.80	85	1/2in SCH 40	7.11	79.57	255	0.3120
3	Yellow	3.70	96.30	110	3/4in SCH 80	10.1	113.03	330	0.3425
4	Pink	4.20	95.80	200	1in SCH 40	20.2	226.07	600	0.3768

total	feet =	440	gal/min =	42.89	LTAR =	0.35
					LTAR + %5	0.3675
			Des. Flow	480	(ltar W/ INOV)	0.4667
			Pump Run=	11.19	(ltar W/ INOV + 5%)	0.4900
			Tank Gal/IN	19.65		