

Mason Point Lot 17

Bench Mark	is = 100.00		Location of BM EIP		Elevation Head	5.80			
Pump tank elev.	4.9	95.10	Pump elev.	89.70	Manifold elev.	96.50			
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
8	Purple	4.50	95.50	75	1/2in SCH 40	7.11	120.00	225	0.5333
9	Pink	4.50	95.50	75	1/2in SCH 40	7.11	120.00	225	0.5333
10	Blue	4.60	95.40	75	1/2in SCH 40	7.11	120.00	225	0.5333
11	Yellow	4.70	95.30	75	1/2in SCH 40	7.11	120.00	225	0.5333

total	feet =	300	gal/min =	28.44	<u>LTAR =</u>	0.4000
					<u>LTAR + %5</u>	0.4200
			<u>Des. Flow</u>	480	(ltar W/ INOV)	0.5333
			Pump Run=	16.88	(ltar W/ INOV + 5%)	0.5600
			Tank Gal/IN	19.65		

Mason Point Lot 17

Repair

Bench Mark	is = 100.00		Location of BM EIP		Elevation Head	6.5			
Pump tank elev.	4.9	95.1	Pump elev.	90.1	Manifold elev.	96.6			
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Pink	4.40	95.60	45	1/2in SCH 80	5.48	66.91	135	0.4957
2	Orange	4.40	95.60	55	1/2in SCH 40	7.11	86.82	165	0.5262
3,4,5	Purple, Pink, \	4.40	95.60	102	3/4in SCH 40	12.5	152.63	306	0.4988
6	Red	4.40	95.60	54	1/2in SCH 40	7.11	86.82	162	0.5359
7	Orange	4.50	95.50	65	1/2in SCH 40	7.11	86.82	195	0.4452

total	feet =	321	gal/min =	39.31	LTAR =	0.4
					LTAR + %5	0.42
			Des. Flow	480	(ltar W/ INOV)	0.5333
			Pump Run=	12.21	(ltar W/ INOV + 5%)	0.5600
			Tank Gal/IN	19.65		