

Mason Pointe Lot 11

Bench Mark	is = 100.00		Location of BM EIP		Elevation Head	5.40			
Pump tank elev.	100.00		Pump elev.	94.60		Manifold elev. 97.80			
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Blue	3.20	96.80	60	1/2in SCH 80	5.48	85.79	180	0.4766
2	Purple	5.10	94.90	65	1/2in SCH 80	5.48	85.79	195	0.4400
3	Yellow	6.20	93.80	70	1/2in SCH 80	5.48	85.79	210	0.4085
4	Red	7.10	92.90	75	1/2in SCH 40	7.11	111.31	225	0.4947
5	Blue	7.80	92.20	80	1/2in SCH 40	7.11	111.31	240	0.4638

total	feet =	350	gal/min =	30.66	LTAR =	0.3500
					LTAR + %5	0.3675
			Des. Flow	480	(ltar W/ INOV)	0.4667
			Pump Run=	15.66	(ltar W/ INOV + 5%)	0.4900
			Tank Gal/IN	19.65		

**Mason Pointe Lot 11
Repair**

Bench Mark	is = 100.00		Location of BM EIP		Elevation Head	-2.5			
Pump tank elev.	100		Pump elev.	95		Manifold elev. 92.5			
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
6	Orange	8.50	91.50	80	1/2in SCH 40	7.11	106.28	240	0.4429
7	Purple	10.80	89.20	130	1/2in SCH 40	12.5	186.86	390	0.4791
8	Yellow	11.60	88.40	125	3/4in SCH 40	12.5	186.86	375	0.4983

total	feet =	335	gal/min =	32.11	LTAR =	0.3500
					LTAR + %5	0.3675
			Des. Flow	480	(ltar W/ INOV)	0.7000
			Pump Run=	14.95	(ltar W/ INOV + 5%)	0.7350
			Tank Gal/IN	19.65		