

Birchwood S/D Lot 114 System Tap Chart

Bench Mark									Elevation Head	8.30
Pump tank elev.	6.2	93.80	Pump elev.	88.40	Manifold elev.			96.70		
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR	
5	Red	4.30	95.70	65	1/2in SCH 40	7.11	120.00	195	0.6154	
6	Blue	4.90	95.10	65	1/2in SCH 40	7.11	120.00	195	0.6154	
7	Orange	5.20	94.80	70	1/2in SCH 40	7.11	120.00	210	0.5714	
8	Purple	5.50	94.50	75	1/2in SCH 40	7.11	120.00	225	0.5333	
		total	feet =	275	gal/min =	28.44			<u>LTAR =</u>	0.3500
									<u>LTAR + %5</u>	0.3675
% of Dose Vol.	75			<u>Des. Flow</u>	480			(ltar W/Panel)	0.7000	
Dose Volume	134.06			Pump Run=	16.88			(ltar W/ INOV + 5%)	0.7350	
Dose Pump Time	4.71			Tank Gal/IN	19.65					
Drawdown in Inches	6.82									

Birchwood S/D Lot 114 Repair Tap Chart

Bench Mark									Elevation Head	9.10
Pump tank elev.	6.2	93.80	Pump elev.	88.40	Manifold elev.			97.50		
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR	
1	Orange	3.50	96.50	60	1/2in SCH 40	7.11	120.00	180	0.6667	
2	Purple	3.50	96.50	60	1/2in SCH 40	7.11	120.00	180	0.6667	
3	Pink	3.60	96.40	60	1/2in SCH 40	7.11	120.00	180	0.6667	
4	Yellow	4.20	95.80	65	1/2in SCH 40	7.11	120.00	195	0.6154	
		total	feet =	245	gal/min =	28.44			<u>LTAR =</u>	0.3500
									<u>LTAR + %5</u>	0.3675
% of Dose Vol.	75			<u>Des. Flow</u>	480			(ltar W/ Panel)	0.7000	
Dose Volume	119.44			Pump Run=	16.88			(ltar W/ INOV + 5%)	0.7350	
Dose Pump Time	4.20			Tank Gal/IN	19.65					
Drawdown in Inches	6.08									