

Birchwood S/D Lot 106 System Tap Chart

Bench Mark								Elevation Head	6.50
Pump tank elev.	3.7	96.30	Pump elev.	90.90			Manifold elev.	97.40	
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
2	Red	3.60	96.40	75	1/2in SCH 40	7.11	55.66	225	0.2474
3	Pink	3.70	96.30	80	1/2in SCH 40	7.11	55.66	240	0.2319
4	Orange	4.20	95.80	90	3/4in SCH 80	10.1	79.06	270	0.2928
6	Yellow	4.30	95.70	195	1in SCH 40	20.2	158.12	585	0.2703
7	Pink	4.60	95.40	170	1in SCH 80	16.8	131.51	510	0.2579
		total	feet =	610	gal/min =	61.32		<u>LTAR =</u>	0.3000
								<u>LTAR + %5</u>	0.3150
% of Dose Vol.	75		<u>Des. Flow</u>	480				(ltar W/ INOV)	0.4000
Dose Volume	297.38		<u>Pump Run=</u>	7.83				(ltar W/ INOV + 5%)	0.4200
Dose Pump Time	4.85		Tank Gal/IN	19.65					
Drawdown in Inches	15.13								

Birchwood S/D Lot 106 Repair Tap Chart

Bench Mark								Elevation Head	6.50
Pump tank elev.	3.7	96.30	Pump elev.	90.90			Manifold elev.	97.40	
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Purple	3.60	96.40	50	1/2in SCH 80	5.48	45.30	150	0.3020
5	Pink	4.10	95.90	50	1/2in SCH 80	5.48	45.30	150	0.3020
8	Blue	5.00	95.00	195	1in SCH 40	20.2	167.00	585	0.2855
9	Red	4.90	95.10	165	1in SCH 80	16.8	138.89	495	0.2806
10	NF	5.10	94.90	100	3/4in SCH 80	10.1	83.50	300	0.2783
		total	feet =	560	gal/min =	58.06		<u>LTAR =</u>	0.3000
								<u>LTAR + %5</u>	0.3150
% of Dose Vol.	75		<u>Des. Flow</u>	480				(ltar W/ INOV)	0.4000
Dose Volume	273.00		<u>Pump Run=</u>	8.27				(ltar W/ INOV + 5%)	0.4200
Dose Pump Time	4.70		Tank Gal/IN	19.65					
Drawdown in Inches	13.89								