

## Nodes Analysis

Node Tag	Elevation	Node Type	Press At Node	Discharge At Node	Notes
1	1.0000	50.0000	155.3110	709.7000	Vel = 4.12 Outside Hose = 50
2	-2.0000		155.3110	709.7000	Vel = 4.12
3	-2.0000		152.9770	709.7000	Vel = 4.45
4	-2.0000	50.0000	152.0780	709.7000	Vel = 4.12 Inside Hose = 50
5	1.9990		150.0670	659.7000	Vel = 7.33
6	1.9990		147.4180	659.7000	Vel = 16.62
200	10.9990		140.8690	659.7000	Vel = 16.62
201	10.9990		138.1000	659.7000	Vel = 16.62
202	35.9990		121.0790	659.7000	Vel = 16.62
203	35.9990		120.4380	659.7000	Vel = 14.85
204	50.9990		112.2220	659.7000	Vel = 14.85
700	50.9990		109.8650	659.7000	Vel = 14.85
701	50.9990		107.7650	659.7000	Vel = 14.85
702	50.9990		106.4830	659.7000	Vel = 14.85
703	50.9990		104.9450	659.7000	Vel = 14.85
704	50.9990		99.4630	659.7000	Vel = 14.85
705	50.9990		98.9500	659.7000	Vel = 14.85
706	50.9990		85.1090	659.7000	Vel = 14.85
707	50.9990		70.0020	319.4000	Vel = 12.28
708	50.9990		67.2940	340.3000	Vel = 13.08
708	50.9990		67.2940	319.4000	Vel = 12.28
709	50.9990		47.4250	659.7000	Vel = 14.85
710	50.9990		47.4000	88.3000	Vel = 1.99
720	50.9990		40.7500	571.4000	Vel = 21.96
721	50.9990		38.3220	400.0000	Vel = 15.38
722	50.9990		37.5030	232.3000	Vel = 8.93
723	50.9990		47.1560	88.3000	Vel = 3.39
730	50.9990		23.0040	171.4000	Vel = 27
731	50.9990		27.0630	167.7000	Vel = 26.43
733	50.9990		43.7270	88.3000	Vel = 13.91
740	50.9990		9.8610	47.7000	Vel = 10.24
750	50.9990		37.5310	88.3000	Vel = 18.93
801	50.9990	5.2610	17.6990	81.2000	Vel = 17.41 Sprk Disch = 22.1
802	50.9990	5.2610	14.8510	59.1000	Vel = 12.68 Sprk Disch = 20.3
803	50.9990	5.2610	13.5420	38.8000	Vel = 8.33 Sprk Disch = 19.4
804	50.9990	5.6000	12.0830	19.5000	Vel = 7.23 Sprk Disch = 19.5
805	50.9990	5.2610	16.5560	90.2000	Vel = 19.34 Sprk Disch = 21.3
806	50.9990	5.2610	12.7780	68.9000	Vel = 14.77 Sprk Disch = 18.8

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807	50.9990	5.2610	10.6840	50.1000	Vel = 10.74 Sprk Disch = 17.2
808	50.9990	5.2610	9.7230	32.9000	Vel = 7.05 Sprk Disch = 16.4
809	50.9990	5.6000	8.6560	16.4000	Vel = 6.11 Sprk Disch = 16.5
810	50.9990	5.6000	20.4600	91.4000	Vel = 19.59 Sprk Disch = 25.3
811	50.9990	5.6000	16.9560	66.1000	Vel = 14.18 Sprk Disch = 23
812	50.9990	5.6000	15.3710	43.1000	Vel = 9.24 Sprk Disch = 22
813	50.9990	5.6000	14.1650	21.1000	Vel = 7.83 Sprk Disch = 21.1
814	50.9990	5.6000	22.3220	76.4000	Vel = 16.39 Sprk Disch = 26.4
815	50.9990	5.6000	20.2320	50.0000	Vel = 10.73 Sprk Disch = 25.2
816	50.9990	5.6000	19.6600	24.8000	Vel = 5.33 Sprk Disch = 24.8
817	50.9990	5.6000	29.2010	142.3000	Vel = 22.42 Sprk Disch = 30
818	50.9990	5.6000	19.8470	112.3000	Vel = 24.09 Sprk Disch = 24.9
819	50.9990	5.6000	13.9600	87.5000	Vel = 18.76 Sprk Disch = 20.9
820	50.9990	5.6000	11.2980	66.6000	Vel = 14.28 Sprk Disch = 18.8
821	50.9990	5.6000	9.7190	17.5000	Vel = 6.49 Sprk Disch = 17.5
822	50.9990	5.2610	8.3910	30.3000	Vel = 6.49 Sprk Disch = 15.3
823	50.9990	5.6000	7.1750	15.0000	Vel = 5.56 Sprk Disch = 15
824	50.9990	5.6000	31.0840	90.0000	Vel = 19.3 Sprk Disch = 31
825	50.9990	5.6000	28.2470	59.0000	Vel = 12.65 Sprk Disch = 29.7
826	50.9990	5.6000	27.4710	29.3000	Vel = 6.28 Sprk Disch = 29.3
827	50.9990	5.6000	31.5460	88.3000	Vel = 18.93 Sprk Disch = 31.3
828	50.9990	5.6000	28.8830	57.0000	Vel = 12.23 Sprk Disch = 30
829	50.9990	5.6000	23.0450	27.0000	Vel = 10.02 Sprk Disch = 27