



Flow Chart for 6" Parshall Flume

$$Q \text{ (CFS)} = 2.06H^{1.58}$$

Head (feet)	MGD	CFS	GPM
0.06			
0.07			
0.08			
0.09			
0.10	0.03496	0.05418	24.318
0.11	0.04064	0.06299	28.270
0.12	0.04663	0.07227	32.436
0.13	0.05291	0.08202	36.809
0.14	0.05949	0.09220	41.381
0.15	0.06634	0.10282	46.147
0.16	0.07346	0.11386	51.101
0.17	0.08084	0.12531	56.238
0.18	0.08848	0.13715	61.553
0.19	0.09638	0.14938	67.043
0.20	0.10451	0.16199	72.702
0.21	0.11289	0.17497	78.528
0.22	0.12150	0.18832	84.518
0.23	0.13034	0.20202	90.667
0.24	0.13940	0.21607	96.974
0.25	0.14869	0.23047	103.43
0.26	0.15820	0.24520	110.05
0.27	0.16792	0.26027	116.81
0.28	0.17785	0.27566	123.72
0.29	0.18799	0.29138	130.77
0.30	0.19833	0.30741	137.97
0.31	0.20888	0.32376	145.30
0.32	0.21962	0.34041	152.78
0.33	0.23056	0.35737	160.39
0.34	0.24170	0.37463	168.13
0.35	0.25302	0.39219	176.01
0.36	0.26454	0.41004	184.03
0.37	0.27624	0.42818	192.17
0.38	0.28813	0.44661	200.44
0.39	0.30020	0.46532	208.83
0.40	0.31246	0.48431	217.36
0.41	0.32489	0.50358	226.01
0.42	0.33750	0.52312	234.78
0.43	0.35028	0.54293	243.67
0.44	0.36324	0.56302	252.68
0.45	0.37637	0.58337	261.82

Head (feet)	MGD	CFS	GPM
0.46	0.38967	0.60398	271.07
0.47	0.40313	0.62486	280.44
0.48	0.41677	0.64599	289.92
0.49	0.43057	0.66739	299.52
0.50	0.44454	0.68903	309.24
0.51	0.45867	0.71093	319.07
0.52	0.47296	0.73308	329.01
0.53	0.48741	0.75548	339.06
0.54	0.50202	0.77812	349.22
0.55	0.51678	0.80101	359.50
0.56	0.53171	0.82415	369.88
0.57	0.54679	0.84752	380.37
0.58	0.56202	0.87113	390.96
0.59	0.57741	0.89498	401.67
0.60	0.59295	0.91906	412.48
0.61	0.60863	0.94338	423.39
0.62	0.62447	0.96793	434.41
0.63	0.64046	0.99272	445.53
0.64	0.65660	1.0177	456.76
0.65	0.67288	1.0430	468.08
0.66	0.68931	1.0684	479.51
0.67	0.70588	1.0941	491.04
0.68	0.72260	1.1200	502.67
0.69	0.73946	1.1462	514.40
0.70	0.75647	1.1725	526.23
0.71	0.77361	1.1991	538.16
0.72	0.79090	1.2259	550.18
0.73	0.80832	1.2529	562.30
0.74	0.82589	1.2801	574.52
0.75	0.84359	1.3076	586.84
0.76	0.86143	1.3352	599.25
0.77	0.87941	1.3631	611.75
0.78	0.89752	1.3912	624.35
0.79	0.91577	1.4194	637.05
0.80	0.93415	1.4479	649.83
0.81	0.95267	1.4766	662.71
0.82	0.97132	1.5055	675.69
0.83	0.99010	1.5347	688.75
0.84	1.0090	1.5640	701.91
0.85	1.0281	1.5935	715.16



Flow Chart for 6” Parshall Flume

$$Q \text{ (CFS)} = 2.06H^{1.58}$$

Head (feet)	MGD	CFS	GPM
0.86	1.0472	1.6232	728.50
0.87	1.0665	1.6531	741.93
0.88	1.0860	1.6833	755.44
0.89	1.1055	1.7136	769.05
0.90	1.1252	1.7441	782.75
0.91	1.1450	1.7748	796.54
0.92	1.1650	1.8057	810.41
0.93	1.1851	1.8368	824.37
0.94	1.2053	1.8681	838.42
0.95	1.2256	1.8996	852.56
0.96	1.2460	1.9313	866.78
0.97	1.2666	1.9632	881.09
0.98	1.2873	1.9953	895.48
0.99	1.3081	2.0275	909.96
1.00	1.3290	2.0600	924.53
1.01	1.3501	2.0926	939.18
1.02	1.3713	2.1255	953.91
1.03	1.3926	2.1585	968.73
1.04	1.414	2.192	983.63
1.05	1.4355	2.2251	998.62
1.06	1.4572	2.2587	1,013.7
1.07	1.4790	2.2924	1,028.8
1.08	1.5009	2.3264	1,044.1
1.09	1.5229	2.3605	1,059.4
1.10	1.5450	2.3948	1,074.8
1.11	1.5673	2.4293	1,090.3
1.12	1.5896	2.4639	1,105.8
1.13	1.6121	2.4988	1,121.5
1.14	1.6347	2.5338	1,137.2
1.15	1.6574	2.5690	1,153.0
1.16	1.6803	2.6044	1,168.9
1.17	1.7032	2.6400	1,184.8
1.18	1.7263	2.6757	1,200.9
1.19	1.7494	2.7116	1,217.0
1.20	1.7727	2.7477	1,233.2

Head (feet)	MGD	CFS	GPM
1.21	1.7961	2.7840	1,249.5
1.22	1.8196	2.8204	1,265.8
1.23	1.8433	2.8570	1,282.2
1.24	1.8670	2.8938	1,298.8
1.25	1.8908	2.9308	1,315.3
1.26	1.9148	2.9679	1,332.0
1.27	1.9389	3.0052	1,348.7
1.28	1.9630	3.0427	1,365.6
1.29	1.9873	3.0803	1,382.5
1.30	2.0117	3.1182	1,399.4
1.31	2.0362	3.1561	1,416.5
1.32	2.0608	3.1943	1,433.6
1.33	2.0856	3.2326	1,450.8
1.34	2.1104	3.2711	1,468.1
1.35	2.1353	3.3097	1,485.4
1.36	2.1604	3.3486	1,502.8
1.37	2.1855	3.3876	1,520.3
1.38	2.2108	3.4267	1,537.9
1.39	2.2361	3.4660	1,555.5
1.40	2.2616	3.5055	1,573.3
1.41	2.2872	3.5451	1,591.1
1.42	2.3129	3.5849	1,608.9
1.43	2.3387	3.6249	1,626.9
1.44	2.3645	3.6651	1,644.9
1.45	2.3905	3.7053	1,663.0
1.46	2.4166	3.7458	1,681.1
1.47	2.4429	3.7864	1,699.3
1.48	2.4692	3.8272	1,717.6
1.49	2.4956	3.8681	1,736.0
1.50	2.5221	3.9092	1,754.5
1.51	2.5520	3.9505	1,773.0
1.52	2.5788	3.9919	1,791.6
1.53	2.6056	4.0335	1,810.2
1.54	2.6326	4.0752	1,829.0
1.55	2.6596	4.1171	1,847.8



Flow Chart for 6” Parshall Flume

$$Q \text{ (CFS)} = 2.06H^{1.58}$$

Head (feet)	MGD	CFS	GPM
1.56	2.6868	4.1591	1,866.6
1.57	2.7141	4.2013	1,885.6
1.58	2.7414	4.2437	1,904.6
1.59	2.7689	4.2862	1,923.7
1.60	2.7965	4.3289	1,942.8
1.61	2.8241	4.3717	1,962.0
1.62	2.8519	4.4147	1,981.3
1.63	2.8798	4.4578	2,000.7
1.64	2.9077	4.5011	2,020.1
1.65	2.9358	4.5446	2,039.6
1.66	2.9639	4.5882	2,059.2
1.67	2.9922	4.6319	2,078.8
1.68	3.0206	4.6758	2,098.5
1.69	3.0490	4.7199	2,118.3
1.70	3.0776	4.7641	2,138.1
1.71	3.1062	4.8084	2,158.0
1.72	3.1350	4.8529	2,178.0
1.73	3.1638	4.8976	2,198.0
1.74	3.1928	4.9424	2,218.1
1.75	3.2218	4.9873	2,238.3
1.76	3.2509	5.0324	2,258.6
1.77	3.2802	5.0777	2,278.9
1.78	3.3095	5.1231	2,299.2
1.79	3.3389	5.1686	2,319.7
1.80	3.3685	5.2143	2,340.2

Head (feet)	MGD	CFS	GPM
1.81	3.3981	5.2602	2,360.8
1.82	3.4278	5.3062	2,381.4
1.83	3.4576	5.3523	2,402.1
1.84	3.4875	5.3986	2,422.9
1.85	3.5175	5.4450	2,443.7
1.86	3.5476	5.4916	2,464.6
1.87	3.5777	5.5383	2,485.6
1.88	3.6080	5.5852	2,506.6
1.89	3.6384	5.6322	2,527.7
1.90	3.6689	5.6793	2,548.9
1.91	3.6994	5.7266	2,570.1
1.92	3.7301	5.7741	2,591.4
1.93	3.7608	5.8217	2,612.8
1.94	3.7916	5.8694	2,634.2
1.95	3.8226	5.9173	2,655.7
1.96	3.8536	5.9653	2,677.2
1.97	3.8847	6.0135	2,698.8
1.98	3.9159	6.0618	2,720.5
1.99	3.9472	6.1102	2,742.3
2.00	3.9786	6.1588	2,764.1