



Flow Chart for 9” Parshall Flume

Head (feet)	MGD	CFS	GPM
0.06			
0.07			
0.08			
0.09			
0.10	0.05845	0.09060	40.662
0.11	0.06763	0.10483	47.046
0.12	0.07726	0.11975	53.745
0.13	0.08733	0.13535	60.747
0.14	0.09781	0.15161	68.040
0.15	0.10870	0.16848	75.616
0.16	0.11998	0.18597	83.463
0.17	0.13164	0.20404	91.575
0.18	0.14367	0.22269	99.944
0.19	0.15606	0.24190	108.56
0.20	0.16880	0.26165	117.43
0.21	0.18189	0.28193	126.53
0.22	0.19531	0.30272	135.86
0.23	0.20905	0.32403	145.42
0.24	0.22312	0.34583	155.21
0.25	0.23750	0.36812	165.21
0.26	0.25218	0.39088	175.43
0.27	0.26717	0.41412	185.86
0.28	0.28246	0.43781	196.49
0.29	0.29804	0.46196	207.33
0.30	0.31391	0.48656	218.37
0.31	0.33006	0.51159	229.60
0.32	0.34649	0.53705	241.03
0.33	0.36319	0.56294	252.65
0.34	0.38016	0.58925	264.46
0.35	0.39740	0.61597	276.45
0.36	0.41491	0.64310	288.63
0.37	0.43267	0.67064	300.98
0.38	0.45069	0.69857	313.52
0.39	0.46896	0.72689	326.23
0.40	0.48748	0.75560	339.11
0.41	0.50625	0.78469	352.17
0.42	0.52526	0.81416	365.40
0.43	0.54452	0.84401	378.79
0.44	0.56401	0.87422	392.35
0.45	0.58374	0.90480	406.08

Head (feet)	MGD	CFS	GPM
0.46	0.60371	0.93575	419.96
0.47	0.62390	0.96705	434.01
0.48	0.64433	0.99871	448.22
0.49	0.66498	1.0307	462.58
0.50	0.68585	1.0631	477.11
0.51	0.70695	1.0958	491.78
0.52	0.72827	1.1288	506.61
0.53	0.74981	1.1622	521.59
0.54	0.77156	1.1959	536.73
0.55	0.79353	1.2300	552.01
0.56	0.81571	1.2643	567.44
0.57	0.83810	1.2991	583.02
0.58	0.86070	1.3341	598.74
0.59	0.88351	1.3694	614.60
0.60	0.90652	1.4051	630.61
0.61	0.92974	1.4411	646.76
0.62	0.95316	1.4774	663.06
0.63	0.97678	1.5140	679.49
0.64	1.0006	1.5509	696.06
0.65	1.0246	1.5882	712.77
0.66	1.0488	1.6257	729.61
0.67	1.0733	1.6635	746.60
0.68	1.0979	1.7017	763.71
0.69	1.1227	1.7401	780.96
0.70	1.1476	1.7788	798.35
0.71	1.1728	1.8179	815.86
0.72	1.1982	1.8572	833.51
0.73	1.2237	1.8968	851.29
0.74	1.2495	1.9367	869.19
0.75	1.2754	1.9769	887.23
0.76	1.3015	2.0174	905.39
0.77	1.3278	2.0581	923.68
0.78	1.3543	2.0991	942.10
0.79	1.3809	2.1405	960.64
0.80	1.4078	2.1821	979.31
0.81	1.4348	2.2239	998.10
0.82	1.4620	2.2661	1,017.0
0.83	1.4893	2.3085	1,036.0
0.84	1.5169	2.3512	1,055.2
0.85	1.5446	2.3941	1,074.5



Flow Chart for 9” Parshall Flume

0.86	1.5725	2.4374	1,093.9
0.87	1.6006	2.4809	1,113.4
0.88	1.6288	2.5246	1,133.1
0.89	1.6572	2.5687	1,152.8
0.90	1.6858	2.6129	1,172.7
0.91	1.7145	2.6575	1,192.7
0.92	1.7434	2.7023	1,212.8
0.93	1.7725	2.7474	1,233.0
0.94	1.8017	2.7927	1,253.4
0.95	1.8311	2.8383	1,273.8
0.96	1.8607	2.8841	1,294.4
0.97	1.8905	2.9302	1,315.1
0.98	1.9204	2.9766	1,335.9
0.99	1.9504	3.0232	1,356.8
1.00	1.9806	3.0700	1,377.8
1.01	2.0110	3.1171	1,399.0
1.02	2.0416	3.1644	1,420.2
1.03	2.0723	3.2120	1,441.6
1.04	2.103	3.260	1,463.027
1.05	2.1342	3.3079	1,484.6
1.06	2.1653	3.3563	1,506.3
1.07	2.1967	3.4048	1,528.1
1.08	2.2282	3.4536	1,550.0
1.09	2.2598	3.5027	1,572.0
1.10	2.2916	3.5520	1,594.1
1.11	2.3235	3.6015	1,616.3
1.12	2.3556	3.6513	1,638.7
1.13	2.3879	3.7012	1,661.1
1.14	2.4203	3.7515	1,683.7
1.15	2.4529	3.8019	1,706.3
1.16	2.4856	3.8526	1,729.1
1.17	2.5184	3.9036	1,751.9
1.18	2.5514	3.9547	1,774.9
1.19	2.5846	4.0061	1,798.0
1.20	2.6179	4.0578	1,821.1
1.21	2.6514	4.1096	1,844.4
1.22	2.6850	4.1617	1,867.8
1.23	2.7187	4.2140	1,891.2
1.24	2.7526	4.2665	1,914.8
1.25	2.7866	4.3193	1,938.5

1.26	2.8208	4.3723	1,962.3
1.27	2.8551	4.4255	1,986.1
1.28	2.8896	4.4789	2,010.1
1.29	2.9242	4.5325	2,034.2
1.30	2.9590	4.5864	2,058.4
1.31	2.9939	4.6405	2,082.7
1.32	3.0289	4.6948	2,107.0
1.33	3.0641	4.7493	2,131.5
1.34	3.0994	4.8041	2,156.1
1.35	3.1349	4.8590	2,180.7
1.36	3.1705	4.9142	2,205.5
1.37	3.2062	4.9696	2,230.4
1.38	3.2421	5.0252	2,255.3
1.39	3.2781	5.0810	2,280.4
1.40	3.3142	5.1371	2,305.5
1.41	3.3505	5.1933	2,330.8
1.42	3.3869	5.2498	2,356.1
1.43	3.4235	5.3064	2,381.5
1.44	3.4602	5.3633	2,407.1
1.45	3.4970	5.4204	2,432.7
1.46	3.5340	5.4777	2,458.4
1.47	3.5711	5.5352	2,484.2
1.48	3.6083	5.5929	2,510.1
1.49	3.6457	5.6508	2,536.1
1.50	3.6832	5.7090	2,562.2
1.51	3.7208	5.7673	2,588.4
1.52	3.7586	5.8258	2,614.6
1.53	3.7965	5.8846	2,641.0
1.54	3.8345	5.9435	2,667.5
1.55	3.8727	6.0027	2,694.0
1.56	3.9110	6.0620	2,720.6
1.57	3.9494	6.1216	2,747.4
1.58	3.9880	6.1814	2,774.2
1.59	4.0267	6.2413	2,801.1
1.60	4.0655	6.3015	2,828.1
1.61	4.1044	6.3618	2,855.2
1.62	4.1435	6.4224	2,882.4
1.63	4.1827	6.4831	2,909.6
1.64	4.2220	6.5441	2,937.0
1.65	4.2614	6.6052	2,964.4



Flow Chart for 9” Parshall Flume

1.66	4.3010	6.6666	2,992.0
1.67	4.3407	6.7281	3,019.6
1.68	4.3806	6.7899	3,047.3
1.69	4.4205	6.8518	3,075.1
1.70	4.4606	6.9139	3,103.0
1.71	4.5008	6.9763	3,130.9
1.72	4.5411	7.0388	3,159.0
1.73	4.5816	7.1015	3,187.1
1.74	4.6222	7.1644	3,215.4
1.75	4.6629	7.2275	3,243.7
1.76	4.7037	7.2908	3,272.1
1.77	4.7447	7.3542	3,300.6
1.78	4.7857	7.4179	3,329.2
1.79	4.8269	7.4818	3,357.8
1.80	4.8683	7.5458	3,386.6
1.81	4.9097	7.6100	3,415.4
1.82	4.9513	7.6745	3,444.3
1.83	4.9929	7.7391	3,473.3
1.84	5.0348	7.8039	3,502.4
1.85	5.0767	7.8688	3,531.5

1.86	5.1187	7.9340	3,560.8
1.87	5.1609	7.9994	3,590.1
1.88	5.2032	8.0649	3,619.5
1.89	5.2456	8.1306	3,649.0
1.90	5.2881	8.1966	3,678.6
1.91	5.3307	8.2627	3,708.3
1.92	5.3735	8.3289	3,738.0
1.93	5.4164	8.3954	3,767.9
1.94	5.4594	8.4620	3,797.8
1.95	5.5025	8.5289	3,827.8
1.96	5.5457	8.5959	3,857.8
1.97	5.5891	8.6631	3,888.0
1.98	5.6325	8.7304	3,918.2
1.99	5.6761	8.7980	3,948.5
2.00	5.7198	8.8657	3,978.9