



## Discharge Table For 24" Palmer-Bowlus Flume

770.664.6513 (V) 770.664.6565 (F)

Document: PB24-D-T Rev.: 0 Date: March 20, 2000 By: Jon Wachter

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.01	0.12			
0.02	0.24			
0.03	0.36			
0.04	0.48			
0.05	0.60			
0.06	0.72			
0.07	0.84			
0.08	0.96			
0.09	1.08			
0.10	1.20			
0.11	1.32			
0.12	1.44			
0.13	1.56			
0.14	1.68			
0.15	1.80			
0.16	1.92			
0.17	2.04			
0.18	2.16			
0.19	2.28			
0.20	2.40			
0.21	2.52			
0.22	2.64			
0.23	2.76			
0.24	2.88			
0.25	3.00			
0.26	3.12			
0.27	3.24			
0.28	3.36			
0.29	3.48			
0.30	3.60			
0.31	3.72			
0.32	3.84			
0.33	3.96			
0.34	4.08			
0.35	4.20			
0.36	4.32			
0.37	4.44			
0.38	4.56			
0.39	4.68			
0.40	4.80			
0.41	4.92			
0.42	5.04			
0.43	5.16			
0.44	5.28			
0.45	5.40			
0.46	5.52	1.126	505.3	0.728
0.47	5.64	1.173	526.5	0.758
0.48	5.76	1.222	548.2	0.789
0.49	5.88	1.271	570.3	0.821
0.50	6.00	1.321	592.8	0.854

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	1.37	615.8	0.887
0.52	6.24	1.42	639.1	0.920
0.53	6.36	1.48	662.9	0.955
0.54	6.48	1.53	687.0	0.989
0.55	6.60	1.59	711.6	1.025
0.56	6.72	1.64	736.6	1.061
0.57	6.84	1.70	762.1	1.097
0.58	6.96	1.76	787.9	1.135
0.59	7.08	1.81	814.1	1.172
0.60	7.20	1.87	840.8	1.211
0.61	7.32	1.93	867.8	1.250
0.62	7.44	1.99	895.3	1.289
0.63	7.56	2.06	923.2	1.329
0.64	7.68	2.12	951.5	1.370
0.65	7.80	2.18	980.2	1.411
0.66	7.92	2.25	1009	1.453
0.67	8.04	2.31	1039	1.496
0.68	8.16	2.38	1069	1.539
0.69	8.28	2.45	1099	1.583
0.70	8.40	2.52	1130	1.627
0.71	8.52	2.59	1161	1.672
0.72	8.64	2.66	1192	1.717
0.73	8.76	2.73	1224	1.763
0.74	8.88	2.80	1257	1.810
0.75	9.00	2.87	1289	1.857
0.76	9.12	2.95	1323	1.905
0.77	9.24	3.02	1356	1.953
0.78	9.36	3.10	1390	2.002
0.79	9.48	3.17	1424	2.051
0.80	9.60	3.25	1459	2.101
0.81	9.72	3.33	1494	2.152
0.82	9.84	3.41	1530	2.203
0.83	9.96	3.49	1566	2.255
0.84	10.08	3.57	1602	2.307
0.85	10.20	3.65	1639	2.360
0.86	10.32	3.73	1676	2.414
0.87	10.44	3.82	1714	2.468
0.88	10.56	3.90	1752	2.522
0.89	10.68	3.99	1790	2.578
0.90	10.80	4.07	1829	2.633
0.91	10.92	4.16	1868	2.690
0.92	11.04	4.25	1907	2.747
0.93	11.16	4.34	1947	2.804
0.94	11.28	4.43	1988	2.862
0.95	11.40	4.52	2028	2.921
0.96	11.52	4.61	2069	2.980
0.97	11.64	4.70	2111	3.040
0.98	11.76	4.80	2153	3.100
0.99	11.88	4.89	2195	3.161
1.00	12.00	4.99	2238	3.223



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**Discharge Table  
For  
24" Palmer-Bowlus Flume**

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	5.08	2281	3.285
1.02	12.24	5.18	2324	3.347
1.03	12.36	5.28	2368	3.410
1.04	12.48	5.38	2413	3.474
1.05	12.60	5.48	2457	3.539
1.06	12.72	5.58	2502	3.603
1.07	12.84	5.68	2548	3.669
1.08	12.96	5.78	2594	3.735
1.09	13.08	5.88	2640	3.801
1.10	13.20	5.99	2686	3.868
1.11	13.32	6.09	2733	3.936
1.12	13.44	6.20	2781	4.004
1.13	13.56	6.30	2828	4.073
1.14	13.68	6.41	2877	4.143
1.15	13.80	6.52	2925	4.212
1.16	13.92	6.63	2974	4.283
1.17	14.04	6.74	3023	4.354
1.18	14.16	6.85	3073	4.426
1.19	14.28	6.96	3123	4.498
1.20	14.40	7.07	3174	4.570
1.21	14.52	7.19	3225	4.644
1.22	14.64	7.30	3276	4.718
1.23	14.76	7.41	3328	4.792
1.24	14.88	7.53	3380	4.867
1.25	15.00	7.65	3432	4.942
1.26	15.12	7.76	3485	5.018
1.27	15.24	7.88	3538	5.095
1.28	15.36	8.00	3592	5.172
1.29	15.48	8.12	3646	5.250
1.30	15.60	8.24	3700	5.328
1.31	15.72	8.37	3755	5.407
1.32	15.84	8.49	3810	5.486
1.33	15.96	8.61	3865	5.566
1.34	16.08	8.74	3921	5.647
1.35	16.20	8.86	3978	5.728
1.36	16.32	8.99	4034	5.809
1.37	16.44	9.12	4091	5.892
1.38	16.56	9.24	4149	5.974
1.39	16.68	9.37	4206	6.058
1.40	16.80	9.50	4265	6.141
1.41	16.92	9.63	4323	6.226
1.42	17.04	9.76	4382	6.311
1.43	17.16	9.90	4441	6.396
1.44	17.28	10.03	4501	6.482
1.45	17.40	10.16	4561	6.569
1.46	17.52	10.30	4622	6.656