



Discharge Table For 2.5' H Flume

770.664.6513 (V) 770.664.6565 (F)

Document: H25-D-T Rev.: 1 Date: May 24, 2001 By: Jon Wachter

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.01	0.12			
0.02	0.24	0.0018	0.81	0.001
0.03	0.36	0.0038	1.71	0.002
0.04	0.48	0.0061	2.74	0.004
0.05	0.60	0.0089	3.99	0.006
0.06	0.72	0.0121	5.43	0.008
0.07	0.84	0.0158	7.09	0.010
0.08	0.96	0.0200	8.98	0.013
0.09	1.08	0.0247	11.09	0.016
0.10	1.20	0.0298	13.37	0.019
0.11	1.32	0.0350	15.7	0.023
0.12	1.44	0.0406	18.2	0.026
0.13	1.56	0.0465	20.9	0.030
0.14	1.68	0.0528	23.7	0.034
0.15	1.80	0.0595	26.7	0.038
0.16	1.92	0.0666	29.9	0.043
0.17	2.04	0.0741	33.3	0.048
0.18	2.16	0.0820	36.8	0.053
0.19	2.28	0.0903	40.5	0.058
0.20	2.40	0.0990	44.4	0.064
0.21	2.52	0.1081	48.5	0.070
0.22	2.64	0.1176	52.8	0.076
0.23	2.76	0.1275	57.2	0.082
0.24	2.88	0.1379	61.9	0.089
0.25	3.00	0.1486	66.7	0.096
0.26	3.12	0.1597	71.7	0.103
0.27	3.24	0.1713	76.9	0.111
0.28	3.36	0.1834	82.3	0.119
0.29	3.48	0.196	88.0	0.127
0.30	3.60	0.209	93.8	0.135
0.31	3.72	0.222	99.6	0.143
0.32	3.84	0.236	105.9	0.153
0.33	3.96	0.250	112.2	0.162
0.34	4.08	0.265	118.9	0.171
0.35	4.20	0.280	125.7	0.181
0.36	4.32	0.296	132.8	0.191
0.37	4.44	0.312	140.0	0.202
0.38	4.56	0.328	147.2	0.212
0.39	4.68	0.345	154.8	0.223
0.40	4.80	0.363	162.9	0.235
0.41	4.92	0.381	171.0	0.246
0.42	5.04	0.399	179.1	0.258
0.43	5.16	0.418	187.6	0.270
0.44	5.28	0.437	196.1	0.282
0.45	5.40	0.457	205.1	0.295
0.46	5.52	0.478	214.5	0.309
0.47	5.64	0.499	224.0	0.323
0.48	5.76	0.520	233.4	0.336
0.49	5.88	0.542	243.2	0.350
0.50	6.00	0.564	253.1	0.365

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	0.587	263.4	0.379
0.52	6.24	0.611	274.2	0.395
0.53	6.36	0.635	285.0	0.410
0.54	6.48	0.635	285.0	0.410
0.55	6.60	0.684	307.0	0.442
0.56	6.72	0.710	318.6	0.459
0.57	6.84	0.736	330.3	0.476
0.58	6.96	0.763	342.4	0.493
0.59	7.08	0.790	354.6	0.511
0.60	7.20	0.818	367.1	0.529
0.61	7.32	0.846	379.7	0.547
0.62	7.44	0.875	392.7	0.566
0.63	7.56	0.904	405.7	0.584
0.64	7.68	0.934	419.2	0.604
0.65	7.80	0.965	433.1	0.624
0.66	7.92	0.996	447.0	0.644
0.67	8.04	1.027	460.9	0.664
0.68	8.16	1.059	475.3	0.684
0.69	8.28	1.092	490.1	0.706
0.70	8.40	1.13	507.1	0.730
0.71	8.52	1.16	520.6	0.750
0.72	8.64	1.19	534.1	0.769
0.73	8.76	1.23	552.0	0.795
0.74	8.88	1.27	570.0	0.821
0.75	9.00	1.30	583.4	0.840
0.76	9.12	1.34	601.4	0.866
0.77	9.24	1.38	619.3	0.892
0.78	9.36	1.41	632.8	0.911
0.79	9.48	1.45	650.8	0.937
0.80	9.60	1.49	668.7	0.963
0.81	9.72	1.53	686.7	0.989
0.82	9.84	1.57	704.6	1.015
0.83	9.96	1.61	722.6	1.041
0.84	10.08	1.65	740.5	1.066
0.85	10.20	1.70	763.0	1.099
0.86	10.32	1.74	780.9	1.125
0.87	10.44	1.78	798.9	1.150
0.88	10.56	1.83	821.3	1.183
0.89	10.68	1.87	839.3	1.209
0.90	10.80	1.92	861.7	1.241
0.91	10.92	1.96	879.6	1.267
0.92	11.04	2.01	902.1	1.299
0.93	11.16	2.06	924.5	1.331
0.94	11.28	2.11	947.0	1.364
0.95	11.40	2.16	969.4	1.396
0.96	11.52	2.21	991.8	1.428
0.97	11.64	2.26	1014.3	1.461
0.98	11.76	2.31	1036.7	1.493
0.99	11.88	2.36	1059.2	1.525
1.00	12.00	2.41	1081.6	1.558



Discharge Table For 2.5' H Flume

770.664.6513 (V) 770.664.6565 (F)

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	2.46	1104.0	1.590
1.02	12.24	2.51	1126.5	1.622
1.03	12.36	2.57	1153.4	1.661
1.04	12.48	2.62	1175.9	1.693
1.05	12.60	2.68	1202.8	1.732
1.06	12.72	2.74	1229.7	1.771
1.07	12.84	2.79	1252.2	1.803
1.08	12.96	2.85	1279.1	1.842
1.09	13.08	2.91	1306.0	1.881
1.10	13.20	2.97	1332.9	1.920
1.11	13.32	3.03	1359.9	1.958
1.12	13.44	3.09	1386.8	1.997
1.13	13.56	3.15	1413.7	2.036
1.14	13.68	3.21	1440.6	2.075
1.15	13.80	3.27	1467.6	2.113
1.16	13.92	3.33	1494.5	2.152
1.17	14.04	3.40	1525.9	2.197
1.18	14.16	3.46	1552.8	2.236
1.19	14.28	3.53	1584.3	2.281
1.20	14.40	3.59	1611.2	2.320
1.21	14.52	3.66	1642.6	2.365
1.22	14.64	3.73	1674.0	2.411
1.23	14.76	3.80	1705.4	2.456
1.24	14.88	3.86	1732.4	2.495
1.25	15.00	3.93	1763.8	2.540
1.26	15.12	4.00	1795.2	2.585
1.27	15.24	4.07	1826.6	2.630
1.28	15.36	4.15	1862.5	2.682
1.29	15.48	4.22	1893.9	2.727
1.30	15.60	4.29	1925.4	2.773
1.31	15.72	4.37	1961.3	2.824
1.32	15.84	4.44	1992.7	2.870
1.33	15.96	4.52	2028.6	2.921
1.34	16.08	4.59	2060.0	2.967
1.35	16.20	4.67	2095.9	3.018
1.36	16.32	4.75	2131.8	3.070
1.37	16.44	4.82	2163.2	3.115
1.38	16.56	4.90	2199.1	3.167
1.39	16.68	4.98	2235.0	3.219
1.40	16.80	5.06	2270.9	3.270
1.41	16.92	5.15	2311.3	3.328
1.42	17.04	5.23	2347.2	3.380
1.43	17.16	5.31	2383.1	3.432
1.44	17.28	5.39	2419.0	3.484
1.45	17.40	5.48	2459.4	3.542
1.46	17.52	5.56	2495.3	3.593
1.47	17.64	5.65	2535.7	3.652
1.48	17.76	5.74	2576.1	3.710
1.49	17.88	5.82	2612.0	3.761
1.50	18.00	5.91	2652.4	3.820

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.51	18.12	6.00	2692.8	3.878
1.52	18.24	6.09	2733.2	3.936
1.53	18.36	6.18	2773.6	3.994
1.54	18.48	6.27	2814.0	4.052
1.55	18.60	6.37	2858.9	4.117
1.56	18.72	6.46	2899.2	4.175
1.57	18.84	6.55	2939.6	4.233
1.58	18.96	6.65	2984.5	4.298
1.59	19.08	6.75	3029.4	4.363
1.60	19.20	6.84	3069.8	4.421
1.61	19.32	6.94	3114.7	4.485
1.62	19.44	7.04	3159.6	4.550
1.63	19.56	7.14	3204.4	4.615
1.64	19.68	7.24	3249.3	4.679
1.65	19.80	7.34	3294.2	4.744
1.66	19.92	7.45	3343.6	4.815
1.67	20.04	7.55	3388.4	4.880
1.68	20.16	7.66	3437.8	4.951
1.69	20.28	7.76	3482.7	5.015
1.70	20.40	7.86	3527.6	5.080
1.71	20.52	7.97	3576.9	5.151
1.72	20.64	8.08	3626.3	5.222
1.73	20.76	8.19	3675.7	5.293
1.74	20.88	8.30	3725.0	5.364
1.75	21.00	8.41	3774.4	5.435
1.76	21.12	8.53	3828.3	5.513
1.77	21.24	8.64	3877.6	5.584
1.78	21.36	8.75	3927.0	5.655
1.79	21.48	8.87	3980.9	5.733
1.80	21.60	8.98	4030.2	5.804
1.81	21.72	9.10	4084.1	5.881
1.82	21.84	9.22	4137.9	5.959
1.83	21.96	9.34	4191.8	6.036
1.84	22.08	9.45	4241.2	6.108
1.85	22.20	9.57	4295.0	6.185
1.86	22.32	9.70	4353.4	6.269
1.87	22.44	9.82	4407.2	6.347
1.88	22.56	9.94	4461.1	6.424
1.89	22.68	10.06	4514.9	6.502
1.90	22.80	10.2	4577.8	6.592
1.91	22.92	10.3	4622.6	6.657
1.92	23.04	10.4	4667.5	6.722
1.93	23.16	10.6	4757.3	6.851
1.94	23.28	10.7	4802.2	6.915
1.95	23.40	10.8	4847.0	6.980
1.96	23.52	11.0	4936.8	7.109
1.97	23.64	11.1	4981.7	7.174
1.98	23.76	11.2	5026.6	7.239
1.99	23.88	11.4	5116.3	7.368
2.00	24.00	11.5	5161.2	7.432



770.664.6513 (V) 770.664.6565 (F)

Discharge Table For 2.5' H Flume

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
2.01	24.12	11.6	5206.1	7.497
2.02	24.24	11.8	5295.8	7.626
2.03	24.36	11.9	5340.7	7.691
2.04	24.48	12.0	5385.6	7.756
2.05	24.60	12.2	5475.4	7.885
2.06	24.72	12.3	5520.2	7.949
2.07	24.84	12.5	5610.0	8.079
2.08	24.96	12.6	5654.9	8.143
2.09	25.08	12.7	5699.8	8.208
2.10	25.20	12.9	5789.5	8.337
2.11	25.32	13.0	5834.4	8.402
2.12	25.44	13.2	5924.2	8.531
2.13	25.56	13.3	5969.0	8.596
2.14	25.68	13.5	6058.8	8.725
2.15	25.80	13.6	6103.7	8.790
2.16	25.92	13.8	6193.4	8.919
2.17	26.04	13.9	6238.3	8.984
2.18	26.16	14.1	6328.1	9.113
2.19	26.28	14.2	6373.0	9.177
2.20	26.40	14.4	6462.7	9.307
2.21	26.52	14.5	6507.6	9.371
2.22	26.64	14.7	6597.4	9.501
2.23	26.76	14.8	6642.2	9.565
2.24	26.88	15.0	6732.0	9.695
2.25	27.00	15.1	6776.9	9.759
2.26	27.12	15.3	6866.6	9.888
2.27	27.24	15.5	6956.4	10.018
2.28	27.36	15.6	7001.3	10.082
2.29	27.48	15.8	7091.0	10.212
2.30	27.60	16.0	7180.8	10.341
2.31	27.72	16.1	7225.7	10.405
2.32	27.84	16.3	7315.4	10.535
2.33	27.96	16.4	7360.3	10.599
2.34	28.08	16.6	7450.1	10.729
2.35	28.20	16.8	7539.8	10.858
2.36	28.32	17.0	7629.6	10.987
2.37	28.44	17.1	7674.5	11.052
2.38	28.56	17.3	7764.2	11.181
2.39	28.68	17.5	7854.0	11.310
2.40	28.80	17.6	7898.9	11.375
2.41	28.92	17.8	7988.6	11.504
2.42	29.04	18.0	8078.4	11.633
2.43	29.16	18.2	8168.2	11.763
2.44	29.28	18.3	8213.0	11.827
2.45	29.40	18.5	8302.8	11.957
2.46	29.52	18.7	8392.6	12.086
2.47	29.64	18.9	8482.3	12.215
2.48	29.76	19.1	8572.1	12.344
2.49	29.88	19.2	8617.0	12.409