

Table A9-4. Discharge of constant-head orifice (CHO) turnout in ft³/sec.
Capacity is 20 ft³/sec, gate size is 30 by 24 inches, $\Delta h=0.20$ feet.

Discharge ft ³ /sec	Gate opening in feet		Discharge ft ³ /sec	Gate opening in feet	
	2 gates	1 gate		2 gates	1 gate
0.25	0.02	0.04	10.25	0.81	-----
.50	.04	.08	10.50	.83	-----
.75	.06	.12	10.75	.85	-----
1.00	.08	.16	11.00	.87	-----
1.25	.10	.20	11.25	.89	-----
1.50	.12	.24	11.50	.91	-----
1.75	.14	.28	11.75	.93	-----
2.00	.16	.32	12.00	.95	-----
2.25	.18	.36	12.25	.97	-----
2.50	.20	.40	12.50	.99	-----
2.75	.22	.44	12.75	1.01	-----
3.00	.24	.48	13.00	1.03	-----
3.25	.26	.52	13.25	1.05	-----
3.50	.28	.56	13.50	1.07	-----
3.75	.30	.60	13.75	1.085	-----
4.00	.32	.64	14.00	1.10	-----
4.25	.34	.68	14.25	1.12	-----
4.50	.36	.72	14.50	1.14	-----
4.75	.38	.755	14.75	1.16	-----
5.00	.40	.79	15.00	1.18	-----
5.25	.42	.83	15.25	1.20	-----
5.50	.44	.87	15.50	1.22	-----
5.75	.46	.91	15.75	1.24	-----
6.00	.48	.95	16.00	1.26	-----
6.25	.50	.99	16.25	1.28	-----
6.50	.52	1.03	16.50	1.30	-----
6.75	.54	1.065	16.75	1.32	-----
7.00	.56	1.10	17.00	1.34	-----
7.25	.58	1.14	17.25	1.355	-----
7.50	.60	1.18	17.50	1.37	-----
7.75	.62	1.22	17.75	1.39	-----
8.00	.64	1.26	18.00	1.41	-----
8.25	.66	1.30	18.25	1.43	-----
8.50	.68	1.34	18.50	1.45	-----
8.75	.70	1.375	18.75	1.47	-----
9.00	.72	1.41	19.00	1.49	-----
9.25	.74	1.45	19.25	1.51	-----
9.50	.76	1.49	19.50	1.53	-----
9.75	.775	1.525	19.75	1.545	-----
10.00	.80	1.56	20.00	1.56	-----