

**Table A9-5.** Discharge of constant-head orifice (CHO) turnout in ft<sup>3</sup>/sec. Capacity is 10 ft<sup>3</sup>/sec, gate size is 24 by 18 inches,  $\Delta h=0.20$  feet.

Discharge ft <sup>3</sup> /sec	Gate opening in feet		Discharge ft <sup>3</sup> /sec	Gate opening in feet	
	2 gates	1 gate		2 gates	1 gate
0.25	0.025	0.05	5.25	0.525	-----
.50	.05	.10	5.50	.55	-----
.75	.075	.15	5.75	.575	-----
1.00	.10	.20	6.00	.60	-----
1.25	.125	.25	6.25	.625	-----
1.50	.15	.30	6.50	.65	-----
1.75	.175	.35	6.75	.675	-----
2.00	.20	.40	7.00	.70	-----
2.25	.225	.45	7.25	.722	-----
2.50	.25	.50	7.50	.74	-----
2.75	.275	.55	7.75	.765	-----
3.00	.30	.60	8.00	.79	-----
3.25	.325	.65	8.25	.815	-----
3.50	.35	.70	8.50	.84	-----
3.75	.375	.745	8.75	.865	-----
4.00	.40	.79	9.00	.89	-----
4.25	.425	.84	9.25	.915	-----
4.50	.45	.89	9.50	.94	-----
4.75	.475	.94	9.75	.965	-----
5.00	.50	.99	10.00	.99	-----