Table A9-6. Discharges for standard sized constant-head orifice (CHO) turnouts (Aisenbrey, 1978).

	Orifice gate openings in feet, for various size turnouts								
Gate width	18 inch	18 inch	24 inch	30 inch	30 inch	36 inch	42 inch	48 inch	48 inch
Discharge *ft^3/sec*	2-ft^3/sec turnout	4-ft^3/sec turnout	6-ft^3/sec turnout	9-ft^3/sec turnout	12-ft^3/sec turnout	15-ft^3/sec turnout	18-ft^3/sec turnout	24-ft^3/sec turnout	30-ft^3/sec turnout
1.0	0.27	0.27	0.20	0.16	0.16	0.13	0.11	0.10	0.10
2.0	.53	.53	.40	.32	.32	.27	.23	.20	.20
3.0	-----	.80	.60	.48	.48	.40	.34	.30	.30
4.0	-----	1.06	.80	.64	.64	.53	.46	.40	.40
5.0	-----	-----	.99	.80	.80	.66	.57	.50	.50
6.0	-----	-----	1.19	.96	.96	.80	.68	.60	.60
7.0	-----	-----	-----	1.12	1.12	.93	.80	.70	.70
8.0	-----	-----	-----	1.27	1.27	1.06	.91	.80	.80
9.0	-----	-----	-----	1.43	1.43	1.19	1.02	.90	.90
10.0	-----	-----	-----	-----	1.59	1.33	1.14	1.00	1.00
11.0	-----	-----	-----	-----	1.75	1.46	1.25	1.10	1.10
12.0	-----	-----	-----	-----	1.91	1.59	1.37	1.19	1.20
14.0	-----	-----	-----	-----	-----	1.86	1.59	1.39	1.39
15.0	-----	-----	-----	-----	-----	1.99	1.71	1.49	1.49
16.0	-----	-----	-----	-----	-----	-----	1.82	1.59	1.59
18.0	-----	-----	-----	-----	-----	-----	2.05	1.79	1.79
20.0	-----	-----	-----	-----	-----	-----	-----	1.99	1.99
21.0	-----	-----	-----	-----	-----	-----	-----	2.09	2.09
22.0	-----	-----	-----	-----	-----	-----	-----	2.19	2.19
24.0	-----	-----	-----	-----	-----	-----	-----	2.39	2.39
30.0	-----	-----	-----	-----	-----	-----	-----	-----	2.99