

North End Trunk Sewer Sewage Flows and Sewer Sizes based upon adding 117 Acres to the City Drainage Area.

	AREA ADDED Acres	MAX. FLOW C.f.s.	ACC. FLOW C.f.s.	SEWER			UNITS OF FLOW
				CAPY. C.f.s.	SIZE Ins.	GRADE %	
MILL & LAKE Outside Area	117	0.54	0.54				@ 2.750 G.A.D. do
From Lake St.	113	0.48	1.02				
From Mill St.	22	0.09	1.11	1.55	12	0.3	
MILL & COMMONWEALTH From Mill St.	24	0.10	1.21				@ 2.750 G.A.D.
Commonwealth (Possible Future Relief)	57	0.24	1.45	1.80	12	0.4	do.
DAVID & CANAL From W. of River	78	1.35	2.80	3.60	18	0.17	49 @ 16,100 G.A.D. 29 @ 2.750 G.A.D.
GOOSE & CLAY From W. of River	46	1.15	3.95	4.40	20	0.14	@ 16,100 G.A.D.
CLAY & CHERRY From Cherry St.	28	0.12	4.07	6.00	24	0.10	@ 2.750 G.A.D.
SIPHON from Clay St.	23	0.28	4.35	6.00	24	0.10	9 @ 16,100 G.A.D. 2 @ 21,100 G.A.D.

2.750 G.A.D. = Domestic Flow plus Infiltration
16.100 G.A.D. = Industrial Flow plus Infiltration
21.100 G.A.D. = Commercial Flow plus Infiltration

These Quantities (excepting Outside Area) are those used in the designs for the contract-plans. They are greater than the preliminary determinations of the 1923 Report.

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