

## Report on New Water Supply.

## ESTIMATE No. 8.

*Supply from Indian Bay, Shoal Lake.*

Filtered Gravity Supply. No Pumping. Steel Pipe Lines.

Two lines of steel pipe, as follows : First line, 22.6 miles of 78-inch and 70 miles of 84-inch pipe. Second line, 92.6 miles of 84-inch pipe.

## COST OF CONSTRUCTION.

Items	For an Average Daily Supply of			
	12,000,000 gallons	24,000,000 gallons	36,000,000 gallons	48,000,000 gallons
Land and right-of-way.....	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
Intake works .....	95,000	95,000	95,000	95,000
Pipe lines.....	10,243,000	20,711,000	20,711,000	20,711,000
Coagulating basin.....	65,000	65,000	65,000	65,000
Filters .....	250,000	500,000	750,000	1,000,000
Filtered water reservoir.....	270,000	270,000	350,000	350,000
Keepers' houses.....	20,000	20,000	20,000	20,000
Telephone lines .....	18,000	18,000	18,000	18,000
Add 15 %.....	10,986,000 1,648,000	21,704,000 3,256,000	22,034,000 3,305,000	22,284,000 3,343,000
Totals .....	\$12,634,000	\$24,960,000	\$25,339,000	\$25,627,000

## ANNUAL COST OF OPERATION AND MAINTENANCE.

Items	For an Average Daily Supply of			
	12,000,000 gallons	24,000,000 gallons	36,000,000 gallons	48,000,000 gallons
Interest.....	\$568,000	\$1,123,000	\$1,140,000	\$1,153,000
Depreciation.....	121,000	242,000	246,000	249,000
Filtration .....	44,000	88,000	131,000	175,000
Maintenance of pipes and keepers' wages.....	21,000	40,000	40,000	40,000
Totals .....	\$754,000	\$1,493,000	\$1,557,000	\$1,617,000