Approximate Estimates of Cost.

(1) WINNIPEG RIVER—

COST OF CONSTRUCTION.

Intake and pumping station at Winnipeg River, 4 pumps each capable of lifting 6,000,000 gallons per day 120 feet high, complete	$ 230,000
55 miles 48 inch rivetted steel pipe capable of carrying 16,000,000 gallons per day.	3,410,000
Purification works, located either upon the height of land or at Winnipeg, capable of treating all the water that will go through the pipe line with reserve units in addition	400,000
Covered pure water reservoir, at Winnipeg, holding six million gallons	80,000
High lift pumps, 5, each capable of pumping 6,000,000 gallons per day (in addition to present works) with boilers, house and piping complete	360,000
Sum	$4,480,000
Add 15 per cent. for engineering and contingencies	670,000
Total estimated cost of construction	$5,150,000

COST OF OPERATION.

	Per 1,000,000 Gals.
Preliminary pumping, average lift 100 ft. at Winnipeg River	$ 6.00
Operating filters (an easy water to treat)	3.00
High lift pumping at Winnipeg	11.00
Total cost	$20.00
Cost per annum 17x12x365	$83,000

Smaller quantities would cost somewhat more in proportion.

(2) POPLAR SPRINGS—

COST OF CONSTRUCTION.

Works for collecting water	$ 100,000
Pumping station at source, 4 pumps each 6,000,000 gallons daily capacity, with boilers, house, etc., complete	230,000
18 miles of 42-inch rivetted steel pipe (a little smaller than from Winnipeg river because more head can be used up in friction)	950,000
Covered six million gallon reservoir	80,000
High lift pumps as above	360,000
Sum	$1,720,000
Add 15 per cent. for engineering and contingencies	258,000
Total estimated cost	$1,978,000

COST OF OPERATION.

	Per million gals.
Pumping at source to city to overcome friction and suction from wells	$ 6.00
High lift pumping at Winnipeg	11.00
Total cost	$ 17.00
Cost per annum 17x12x365	$75,000

Smaller quantities would cost somewhat more in proportion.