

Tracks and overhead equipment from York to pumping station	35,000 00
Motor and equipment for handling cars.....	5,000 00
Electric lighting unit at station.....	2,000 00
Twenty-six miles of distribution mains.....	2,040,000 00
Specials and valves	60,000 00
Filtration plant	600,000 00
Levelling, grading, etc.	5,000 00
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	\$4,937,000 00
Add 10% for engineering and contingencies.....	493,700 00
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	\$5,430,700 00
Six miles of distribution main—High Level pumping station* to West Toronto, for part of which contracts have been awarded.....	353,000 00
Additions to High Level pumping station, and provision of steam reserve sufficient for ultimate output of this station, for part of which contracts have been awarded.....	250,000 00
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Total.....	\$6,033,700 00

Recapitulation.

Expenditure authorized by ratepayers (January 1st, 1913)	\$6,677,000 00
Estimated cost of project as proposed.....	6,033,700 00
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Balance to meet debenture discount and financing.\$	643,300 00

Outstanding Features of the Report.—Claiming that Lake Ontario is the only natural source of water supply for Toronto, the report passes the following observations

upon the 3 possible locations for the new installation, which are:—

1. At Toronto Island adjacent to the present system.
2. At some point west of the present works, e.g., west of Humber Bay.
3. At some point east of the Island, which would mean at least as far east as the Woodbine.

The Island Location.—Site: Bed of lake slopes gradually for 1,700 ft. from shore to depth of 23 ft.; then falls with grade of over 10%, making problem of construction of intake difficult and uncertain.

Reliability: Essential that extension be placed at some distance from present system, else the same local cause might readily affect both.

Purity: Quite possible to treat present supply so as to make it perfectly safe and very desirable.

Distribution: Rapid expansion of city demands additional distribution centres conveniently situated for economy. Distribution from single source imprudent.

Western Location.—Site: Not fully investigated.

Reliability: No definite opinion advanced. Indications favorable.

Purity: Water around Humber Bay and to the west, polluted.

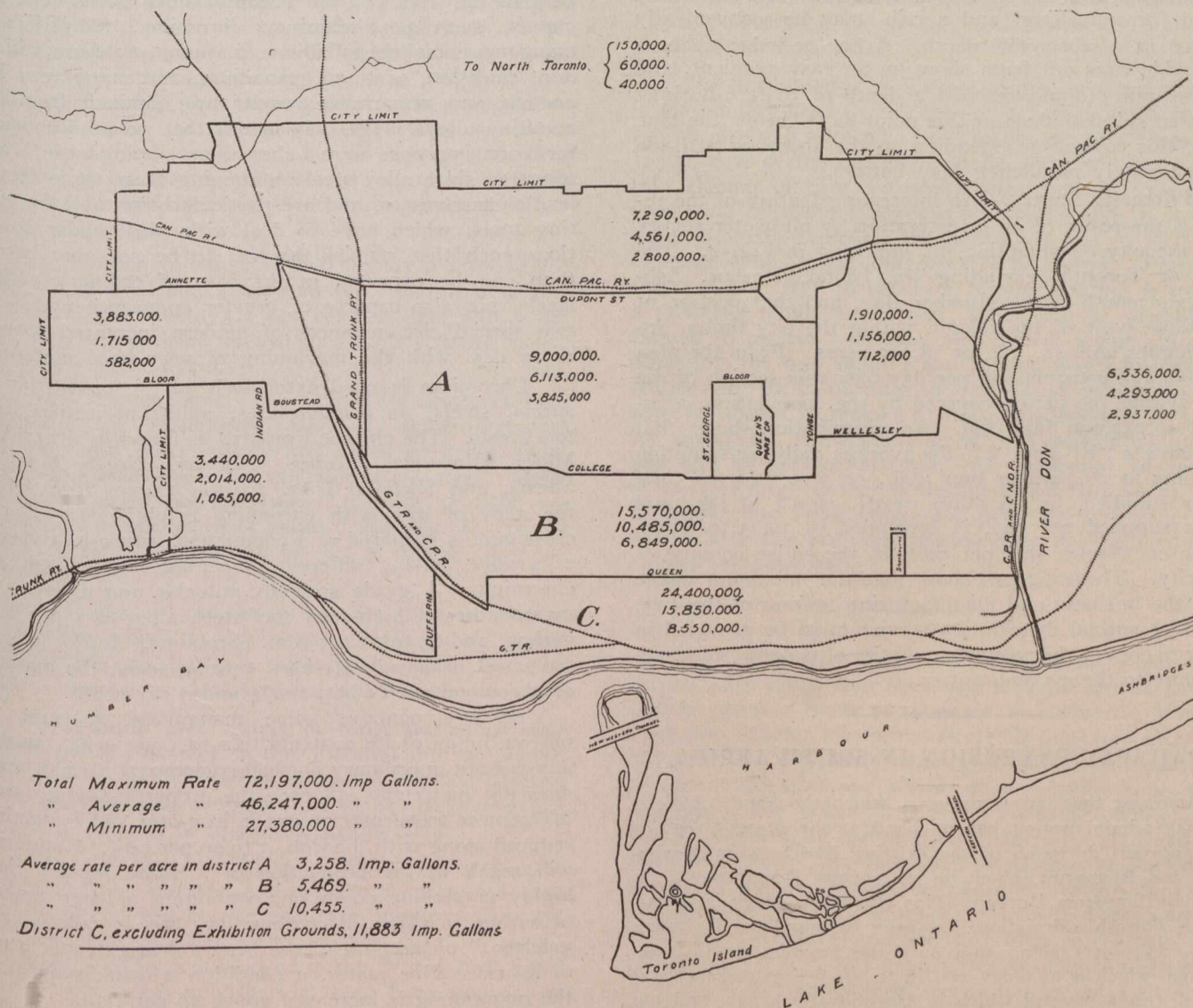


Fig. 4.—Maximum, Average and Minimum Daily Water Consumption of Toronto, as Determined by Pitometer Survey.