

## BOARD OF TRADE

BY R. C. GRIER, SEC.

The Peoria Board of Trade was organized in 1870. As an association having care, in a large degree, of Peoria's commercial interests, it has been most successful. Daily sessions have been held from the beginning, and it has had an active existence.

The departments of trade, more particularly under its care, have made rapid advancement. Its present standing as a primary grain receiving and distributing market is a just matter of pride, being by official reports of 1895, the fourth in rank, in the volume of receipts, excepted in order by Chicago, Minneapolis and Duluth. In coarse grains, corn, oats, rye and barley it stands second, Chicago being first. Collateral and kindred interests also have received an impetus, giving our city wide reputation and great importance, and adding much to the permanent manufacturing interests in which the use of grain is the basis of the finished product.

This organization also has shown active care for and given substantial aid in the development of the general business undertakings of the city, its membership aiding in a financial way the founding of large enterprises.

---

## THE WATER WORKS

BY D. N. MAUREY.

The Water Works system of Peoria is universally conceded to rank with the best of those in the United States and to surpass those of other cities of the same population.

The pumping plant consists of three Worthington compound, duplex, vertical high-duty pumping engines, each of 7,200,000 gallons capacity in twenty-four hours, or of a combined capacity of 21,600,000. These pumps work against a pressure of nearly 140 pounds, and in their daily performance give a duty of 100,000,000 foot pounds per 100 pounds of coal.

Steam is supplied to the pumps from six Heine water-tube boilers of 200 horse power each, making a total of 1,200 horse power. The pumping station is complete in every detail, and from an artistic standpoint, is, with its grounds, pleasing to the eye of all those who visit it. The water is drawn from wells, and is exceptionally clear and free from all mechanical and organic impurities. There is a reservoir of 19,000,000 gallons capacity at an elevation of 320 feet above the city datum, into which, when the pumps are working faster than the consumers are taking the water, the surplus supply is delivered. When the pumps are shut down, the reservoir alone supplies the town.

Eighty-four miles of cast iron mains from four to thirty inches in diameter distribute to the citizens water for domestic use and for fire protection. There are 1,012 fire hydrants, all of which are kept in excellent condition; and with a constant pressure, varying from fifty pounds on the Bluff to 125 pounds in the lower portion of the city, steam fire engines are rendered unnecessary. The excellent record made by the Peoria Fire Department testifies more strongly than anything else could do to the efficiency of the water works plant.

The rates enjoyed by Peoria are amongst the lowest in the United States. Below will be found a copy of a comparative table of rates compiled by the Indianapolis Water Company, with a view of showing how much below the average were the rates in Indianapolis.

SCHEDULE OF WATER RATES CHARGED PRIVATE CONSUMERS IN THE LARGER CITIES OF THE UNITED STATES, AND THE RATES CHARGED TO PRIVATE CONSUMERS BY THE INDIANAPOLIS WATER COMPANY, OF INDIANAPOLIS.

	House of Six Rooms.	Closet	Bath	Wash Stand	Stationary Wash Tubs.	Stable, two Horses and Carriage, with Hose.	Cow	Street Sprinkling, Lawn and Garden, Lot 30 Feet Front.	Total
Manchester, N. H.	\$ 5 00	\$ 5 00	\$ 2 50	\$ 1 00	\$ 1 00	\$ 4 00	\$ 1 00	\$ 6 00	\$25 50
Brooklyn, N. Y.	11 00				5 00	7 50		7 00	28 75
*Pensacola, Fla.	8 00	6 00	6 00	1 00	12 00	12 00	1 50	18 00	54 50
*Portland, Me.	10 00	6 00	5 00			8 00		5 00	34 00
Albany, N. Y.	12 00	2 00	3 00			6 00		8 00	31 00
*Council Bluffs, Ia.	7 00	2 50	3 50	1 00		5 00	1 00	10 00	30 00
Baltimore, Md.	13 00					6 00		13 00	32 00
*Chattanooga, Tenn.	9 00	6 00	6 00			8 00	2 00	9 00	40 00
Worcester, Mass.	6 00	4 00	5 00	1 00		5 00		9 00	30 00
Boston, Mass.	6 00	2 50	2 50			6 00		11 00	28 00
Newark, N. J.	6 25	2 50	5 00	1 25		5 00		7 00	27 00
Richmond, Va.	5 00	3 00	3 50	1 50		5 50	1 00	3 50	23 00
*New Haven, Conn.	6 00	3 00	3 00			8 00	1 00	3 00	24 00
Dallas, Tex.	12 00	9 00	10 00			30 00	3 00	18 00	82 00
Cambridge, Mass.	7 50	6 00	6 00	2 50		8 00	2 00	10 00	42 00
Charleston, S. C.	12 00	4 00	4 00	1 00	3 00	12 00		9 00	45 00
Philadelphia, Pa.	5 00	1 00	3 00	1 00		5 00		8 00	23 00
Fall River, Mass.	7 50	5 00	5 00			14 00	1 00	6 00	33 50
Denver, Col.	6 00	5 00	5 00			11 00	1 00	15 00	43 00
*Omaha, Neb.	4 00	2 50	3 50	1 00	1 00	5 00	1 00	5 00	23 00
*Memphis, Tenn.	6 00	5 00	5 00			10 00	2 00	10 00	38 00
Vicksburg, Miss.	5 50	5 00	7 00	75		10 25		8 25	36 75
Toledo, Ohio	5 00	3 00	3 00		1 00	5 00	1 50	8 00	26 50
Mobile, Ala.	10 00	4 00	5 00	5 00	1 00	11 00	2 00	10 00	48 50
Newport, Ky.	6 00	3 00	9 00	3 00		1 00	1 50	7 00	33 50
Chicago, Ill.	9 00	3 00	3 00	1 00		4 00	75	7 00	27 75
*Topeka, Kan.	6 00	5 00	3 00			5 00	1 00	7 50	27 50
Dayton, Ohio	5 00	2 50	2 00	2 00	2 00	4 50	1 00	7 00	26 00
*Leavenworth, Kan.	9 00	5 00	5 00			16 00	1 00	17 50	53 50
Covington, Ky.	6 00	4 00	3 00	1 00	1 00	5 00	1 50	3 30	24 80
*Dubuque, Ia.	8 00	4 00	4 00			6 00	1 00	8 00	31 00
Nashville, Tenn.	8 00	6 00	8 00			8 00	2 00	10 00	42 00
St. Louis, Mo.	6 00	5 00	5 00			11 00	1 50	6 00	34 50
Allegheny, Penn.	10 25	3 00	3 00	1 50		5 00	75	11 00	34 50
Pittsburg, Penn.	9 00	3 00	4 00	2 00	1 00	5 00	1 50	19 50	45 00
Detroit, Mich.	5 00	2 00	3 00	2 00	1 25	4 00	1 00	16 50	34 75
Louisville, Ky.	6 00	3 00	5 00	1 00	50	6 00	1 00	5 50	28 00
Cincinnati, Ohio	6 00	3 00	9 00	1 00	2 00	6 00	1 00	5 00	33 00
Milwaukee, Wis.	6 00	3 00	3 00		1 00	4 00	1 00	7 50	25 50
*Syracuse, N. Y.	10 00	5 00	4 00			4 00	1 50	6 00	30 50
Springfield, Ohio	4 00	2 50	2 50	2 00		3 50	1 00	5 00	20 50
Buffalo, N. Y.	5 00	3 00	2 00			4 80	90	5 80	21 50
Grand Rapids, Mich.	8 00	4 00	3 00		4 00	5 00	1 00	9 00	34 00
St. Paul, Minn.	4 50	2 00	2 00			4 00	2 00	9 00	23 30
*Des Moines, Iowa	5 00	3 00	3 00			5 00	1 00	10 00	27 00
*New Orleans, La.	11 00	7 00	5 00	3 00	5 00	10 00	2 00	10 00	53 00
Springfield, Mass.	8 00	4 00	4 00			6 00	2 00	5 00	29 00
New York City	10 00	5 00	3 00			6 00	1 00	m <sup>1</sup> trd	25 00
*Montgomery, Ala.	7 00	10 00	8 00	3 00	2 00	6 00	2 00	17 00	55 00
*San Francisco, Cal.	16 80	3 00	4 80			9 60	2 40	26 64	63 24
*Oakland, Cal.	16 20	4 20	6 00			9 60	2 40	6 00	43 80
Burlington, Vt.	7 00	4 00	4 00	1 00	1 00	5 00	1 50	4 00	27 50
*Kansas City, Mo.	6 50	4 50	5 00			8 00	2 00	5 40	31 40
*Peoria, Ill.	6 00	3 00	3 00			3 00	1 00	5 00	21 00
Wilmington, N. C.	5 00	4 00	4 00	2 00	2 00	5 00	2 00	5 00	29 00
*Ft. Smith, Ark.	9 00	2 00	2 00			5 00	2 00	6 00	26 00
Wheeling, W. Va.	5 00	6 00	1 75			2 00	1 00	9 00	24 25
Total	433 80	222 70	237 05	43 50	37 25	309 15	67 95	498 89	1,940 29
Average	7 61	4 05	4 31	1 67	1 96	7 00	1 41	8 80	34 00
Indianapolis, Ind.	5 00	3 00	3 00	no cg	no ch	5 00	1 50	6 00	23 50

The water supplied by the Peoria Water Co. is exceedingly clear, cool and sparkling, and its healthfulness and purity are unquestioned.