

Population 31,000 Prevailing Winds N.W.

WATER FACILITIES

Direct pressure system of water works, constructed from 1882 to 1886. Municipal ownership. Water supply taken from Ottawa River 3½ miles N.E. of Court House and pumped into reservoir of 650 million gallons capacity, area 106 acres, by two electric centrifugal Bravo-Boyle pumps, capacity 12 million gallons each per 24 hours. Water flows by gravity through 30" conduit into two reservoirs of 150 million gallons capacity, located at pump house (see sheet No. 33). Two Holly pumps, capacity three million gallons, each and one DeLaval centrifugal pump, capacity 6 million gallons per 24 hours, run by electricity.

Lost Creek Pumping Station, used only in extreme droughts, located one mile N.E. of pump house. (See sheet No. 33). 16 driven wells, five pumped by air, 11 by steam, one air compressor and one duplex pump, capacity 1½ million gallons per 24 hours. Note: This station has not been used since 1906. 69 miles cast iron water pipe, 4" to 20" diameter. The record of date when mains were laid has been kept. 1,325 triple hydrants, besides private hydrants in factory yards. Average daily consumption three million gallons.

FIRE DEPARTMENT

Four companies, 30 men, 19 horses, two steam fire engines, two combination hose and chemical wagons, two hose wagons, one aerial truck, one chief buggy, 10,000 ft. 2½" hose in good condition. In reserve: One hook & ladder truck and one hose wagon.

CENTRAL FIRE STATION - 18 men, nine horses. One Knott steam fire engine, capacity 11,000 gallons per minute, One La France aerial truck, 300 ft. of ladders, longest ladder 75 ft. One combination hose and chemical wagon with two 35 gallon chemical tanks and 1100 ft. 2½" hose 1500 ft. 1" chemical hose. One chief buggy, 3000 ft. 2½" hose in reserve.

STATION NO. 2, South Side - Eight men, five horses. One Sibley steam fire engine, capacity 700 gallons per minute, one hose wagon (200 ft. 2½" hose) in reserve.

STATION NO. 3, North Side - Four men, two horses, one hose wagon, 1000 ft. 2½" hose in reserve, one hose wagon 1000 ft. 2½" hose, one hook and ladder truck.

STATION NO. 4, West Side - Four men, three horses, one combination hose and chemical wagon with 10 gallons chemical tank, 1200 ft. 2½" hose, 50 ft. 1" chemical hose; 500 ft. 2½" hose in reserve.

FIRE ALARM Gamewell fire alarm system 50 boxes with glass covered keys. Majority of alarms sent in by telephone.

NIGHT PATROL SYSTEM 15 night police report hourly from 12 boxes.

FIRE LIMITS No fire limits of ordinances, but an agreement exists among property owners along Main St. to keep buildings of certain class out of this section. Chief of fire department has supervision over all buildings erected in city.

Grades almost level. 24 miles of brick and asphalt paved streets. Public lights electric.

Fortified

