

PENNS GROVE BOROUGH, SALEM COUNTY, NEW JERSEY.

Population-Census of 1940-6.488.

IN GENERAL: Located along the West Jersey and Seashore Branch of the Pennsylvania Railroad on the east bank of the Delaware River opposite Wilmington, about 30 miles southwest of Camden. It is a residential community and business center for the surrounding agricultural and industrial area. There are a few small local industries and extensive industrial employment is provided by the plants of the E. I. du Pont de Nemours & Company located in the adjoining township to the southwest. Area about one square mile. Borough is practically level at about elevation 10. Main thoroughfares are concrete or macadam in good condition with some secondary streets in fair condition. Railroad crossings at grade are such that they should not seriously delay the response of fire apparatus; but traffic congestion and parked vehicles in narrow streets could seriously delay fire department operations in the business district.

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WATER SUPTLY of the Colonial Utilities Corporation, owns and operates the supply works, pumping stations. Railroad cross and operates the supply works, pumping stations. Railroad cross and operates the supply works, pumping stations. Railroad cross and operates the supply works, pumping stations. Railroad cross and operates the supply works, pumping stations. Railroad cross water at wholesale to the Delaware Ordanace Depot and a nearby mousing project. Organization: The local company organization consists of a superintendent who supervises all duties, an office manager, a part time clerk, one plant operator living at the Federal Colonial Colo

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one 4½-inch outlets. The balance have one 4½-inch and one 2½-inch outlet. Branches are 4-inch and 6-inch, about 50% of which are gated. Hydrant hose outlets are National Standard and steamer outlets are 5-9/16 inches outside diameter with 7 threads per inch. Hydrants are inspected twice annually and were in fair to good condition at time of inspection. Pressures: Recording gauge in Pedricktown pumping station at about elevation 24 showed 64 pounds at time of inspection and a direct reading gauge at Ranney Collector showed 57 pounds with station operating at 570 g.p.m. and a 44-pound static pressure with the tank about 1½ feet below the full level. Due to heavy recent demand and the reduced capacity of the supply works, pressures have not been well maintained during peak demands. Readings taken at 7 well distributed hydrants showed pressures ranging from 47 to 49 pounds with an average of 48.14 pounds. A reading taken September 1st, 1944 at noon showed pressures to be down about 10 pounds. Fire Flow Tests: Probable supply available for fire protection purposes was measured on June 15th, 1937 and March 8th, 1940 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow, and pressure during flow were as follows:

June 15, 1937:

Broad and E. Main St., 920—47—38.

W. Harmony and Franklin St., 530—48—30.

W. Main St. and Delaware Ave., 440—49—27.

Delaware Ave. and W. Line St., 590—49—16.

Railroad and Airy Aves., 240—48—*

S. Broad St. and Maple Ave., 310—48—10.

Virginia Ave. N. of Shell Rd., 840—48—16.

March 8, 1940:

Broad and E. Main Sts., 710—46—40.

*No reading taken.

FIRE DEPARTMENT: A volunteer organization of one company

located. Coded siren is mounted on tower at the rear of the fire station.

POLICE DEPARTMENT: Consists of a chief and 6 uniformed officers, 2 of whom are on duty at all times. In addition there are about 35 special officers. One motorcycle and a radio equipped patrol car are provided.

BUILDING LAWS: Building code adopted in July, 1918 provides for the annual appointment of a building inspector, requires permits for building operations and embodies some recommended structural requirements, but is not sufficiently comprehensive from a fire protection standpoint. Fire limits including the business district have been established and an amendment to the ordinance requires fire resistive roofs on new buildings and where replacement exceeds 10%.

EXPLOSIVES AND FLAMMABLES: An ordinance adopted in March. 1927 requires the approval of the fire chief for the installation of flammable liquid tanks and gasoline station equipment. In general the local regulations are inadequate. The state laws adequately cover the storage and shipment of explosives and flammables and the construction of motion picture booths. They also restrict the discharge of fireworks to responsible bonded parties.