

## MORRIS PLAINS BOROUGH, MORRIS COUNTY, NEW JERSEY.

Population-Census of 1940 was 2,018.

IN GENERAL: Located on the D. L. & W. R. R. about 3 miles IN GENERAL: Located on the D. L. & W. R. R. about 3 miles north of Morristown. It is a suburban residential community with a coffee processing plant and sand and gravel industries and a few small industries normally employing about 235. Area about 2.5 square miles. Elevations range from 370 to 620 feet. Main thoroughfares and the majority of the side streets are macadam or concrete in good condition; some side streets are gravel in fair condition. Other than traffic congestion on Speedwell Avenue there are no unusual features adversely affecting the response and operations of the fire department operations of the fire department.

concrete in good condition; some side streets are gravel in fair condition. Other than traffic congestion on Speedwell Avenue there are no unusual features adversely affecting the response and operations of the fire department.

WATER SUPPLY: The Town of Morristown owns and operates the supply works, distribution system and appurtenances supplying water for domestic and fire protection purposes to the system state of the supply works, distribution system and appurtenances supplying water for domestic and fire protection purposes to the Morris Plains system is segregated through the medium of closed valves and a check valve connection from the major portion of the system and is supplied independently from the Littleton Pumping Station in conjunction with a local reservoir. The local supply is described herewith and for a description of the organization, supply works, distribution system and appurtenances on the balance of the system see report on Morristown will zone map No. 138. Plains is obtained from two deep wells 25 inches in diameter by 50 feet deep one of which yields 1.15 m.g.d. while the other yields 0.29 m.g.d. The larger capacity well, known as No. 1, is normally held in reserve, while the smaller capacity well, known as No. 2, is automatically operated on a 3-foot variation in tank level. Both discharge to the distribution system with reservoir acting as equalizer and providing storage. Well Stations: Located in Parsippany-Troy Hills Township adjacent to the easterly limits of the slate roof and wired glass windows in wooden asah and frames. Housekeeping fair. Hand extinguishers provided and exposures negligible. Elevation of floors about 300 feet. Well Station No. 1—Equipment: One 800-g.p.m. American Well Works deep well turbine driven by a 100-hp. Electric Machinery Company motor. Well Station No. 2: One 200-g.p.m. American Well Works deep well turbine driven by a 20-hp. U. S. electric motor. Distribution System: In one service except for a small area on either side of Speedwell Avenue east of Arti

of hydrant, discharge in gallons per minute, pressure before flow and pressure during flow were as follows:

Morris Plains Service: Speedwell Ave. and Littleton Rd., 880-Park Way and Asylum Rd., 520—75—1: Hanover and Stiles Aves., 700—77—39. -75—12. Morristown Service: Hanover Rd. E. of Railroad, 290-49-\*.

\*No reading taken.

Note: Tests conducted with the 200 g.p.m. pump at Littleton Station in operation.

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FIRE DEPARTMENT: A volunteer organization of one company under the control of the borough which owns quarters, apparatus, and equipment and makes an annual appropriation of about \$2,000 for the support of the department. Total active membership 57 including a chief, 2 assistant chiefs, 4 captains and 4 lieutenants of whom a minimum of 20 members are available at all times. Officers are elected annually by the company and confirmed by the mayor and council. Company—Morris Plains Fire Company: Located on Speedwell Avenue near Academy Road as shown on map. Building under construction at time of inspection will be a 2-story cinder block and brick structure with slate covered wood root, concrete apparatus floor, steam heat, and electric lights. Equipment: One 1940 Mack 750-g.p.m. triple combination pumping engine carrying one 150-gallon booster tank, 150 feet of booster hose, 1,200 feet of 2½-inch hose, 2 short ladders, and some minor equipment. One 1923 Waterous 400-g.p.m. triple combination pumping engine carrying one 100-gallon booster tank, 200 feet of booster hose, 1,000 feet of 2½-inch hose, 2 short ladders, and some minor equipment. One 1923 International 45-foot city service ladder truck carrying ladders from 10 to 45 feet, totaling 112 feet, 200 feet of 1½-inch hose, and fairly complete minor equipment. One 1937 Chevrolet emergency car carrying one 1,800 watt generator, two 500 and two 250 watt portable flood lights, first aid kit, and some emergency equipment. Hose: All 2½-inch hose is C.R.L. with National Standard screw couplings. Hose is repacked in part at monthly drills and is tested twice annually at 200 pounds pressure. No adequate drying provisions. About 75% of the total supply is over five years old. Operations: Department is governed by by-laws and municipal ordinance under the supparatus. Drills and Training: Company drills consisting of pump operation and hose and ladder work are held monthly under the direction to handle fire alarms and remuneration for this service is provided.

POLICE DEPARTMENT: Consists of 4 special officers subject to call. State Police barracks located in Morristown and officers tour this area daily.

BUILDING LAWS: Code adopted September 10, 1929 provides for the annual appointment of a building inspector with the usual duties and requires the filing of plans and specifications, and permits for building operations. The zoning ordinance establishes a business zone where masonry construction is required and combustible roofs are prohibited. Construction requirements are inadequate from a fire protection standpoint.

EXPLOSIVES AND FLAMMABLES: No municipal regulations. 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

ZONING ORDINANCE: Adopted May 28, 1928.