



# KEY

PROTECTED FIRE ZONE: Shown in Green.  
 NOTE — For description of fire protection, etc., see other side.  
 Elevations range from 0 to 30 feet above mean sea level.  
 Water mains 8 inches and larger in diameter  
 Water mains 6 inches in diameter  
 Water mains 4 inches in diameter  
 Fire hydrants shown thus  
 Gate valves shown thus  
 Fire house shown thus  
 Fire apparatus designated by symbols thus:

- (Y) Pumping engine and hose car
- (B) Booster car
- ⊙ Booster tank or tanks on above

THE FIRE INSURANCE RATING  
 ORGANIZATION OF N. J.  
 ENGINEERING DEPARTMENT  
 NEWARK 2, N. J.

**Mays Landing, Hamilton Township  
 Atlantic County, N. J.**

AUGUST 31, 1948

## MAYS LANDING, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NEW JERSEY.

Population — 1940 Township Census — 3,363.

Estimated Local Population About 2,500.

**IN GENERAL:** Located on the Pennsylvania-Reading Seashore Railroad about 17 miles northeast of Atlantic City. It is a residential community with one textile plant employing about 225. Area of mapped portion about 0.8 square mile. Elevations range from 0 to 30 feet. Main roads are concrete or macadam in good condition. Other roads are gravel in fair condition. Several railroad grade crossings are said not to interfere with the response of fire apparatus.

**WATER SUPPLY:** Water for domestic and fire protection purposes is furnished by a municipally owned and operated system which furnishes water to Mays Landing only. A small section southwest of Great Egg Harbor River which was formerly supplied by the Mays Landing Water Power Company is now connected to and supplied by the municipal system. However, a pumping station and standpipe owned by the Mays Landing Water Power Company supply a number of private hydrants in and around the plant of the Mays Landing Water Power Company. **Organization:** The municipal system is in charge of a competent superintendent who performs all duties. A consulting engineer and laborers are hired as needed. Office is located in municipal hall and there is a small shop at the pumping station. Superintendent is furnished with a light truck and proceeds to the pumping station on receipt of alarms of fire. Records consist primarily of pumping statistics and a fairly up-to-date map of the distribution system. **Supply Works:** Built in 1907. Supply is obtained from a single 12-inch well 243 feet deep with an estimated yield of about 0.504 m.g.d. Two former 8-inch wells have been abandoned. **Pumping Station:** Located at Farragut Avenue and Third Street in a 1-story brick building with slate roof, concrete floor, electric lights, hot water heat, one 2½-gallon extinguisher, and mild exposures. Wiring is in conduit and housekeeping is good. Elevation of floor about 15 feet. **Equipment:** One 0.504-m.g.d. Worthington deep well pump driven by a 40-h.p. G. E. electric motor. Pump is operated automatically on 25-foot variation of standpipe level. Held in reserve is a 0.576-m.g.d. Worthington triplex pump driven by a 20-h.p. G. E. electric motor. **Distribution System:** In one service consisting of a 10-inch and 8-inch artery and 4-inch and 6-inch mains poorly grid-ironed and with numerous unsupported dead end branches. **Standpipe:** Located at pumping station. It is steel, 12 feet in diameter by 120 feet high with a capacity of 100,000 gallons. Elevation of base about 20 feet. Elevation of overflow about 140 feet. **Consumption:** Estimated average and maximum daily consumption during 1947 were 0.084 million gallons and 0.125 million gallons respectively. On December 31, 1947 there were 458 live services, practically all of which were metered. **Pipe:** All pipe is cast iron, tar coated, bell and spigot joint laid with a 3-foot cover. Total length, 39,600 feet; 2.27% 10-inch, 10.85% 8-inch, 39.63% 6-inch, and 47.25% 4-inch. No trouble was reported from freezing or electrolysis. **Gate Valves:** There are 44 on the system of R. D. Wood make set with valve boxes at grade. All but 2 turn clockwise to open. Valves are inspected annually. **Hydrants:** There are 71 on the system of R. D. Wood make of standard type. All have two 2½-inch outlets and 4-inch un-gated branches. Hydrant outlets have National Standard threads. Hydrants are inspected semi-annually but at time of operation were found to be in poor condition. **Pressures:** Readings taken at 7 well distributed hydrants showed pressures ranging from 41 to 49 pounds with an average of 45 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on June 17, 1948 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow, and pressure during flow were as follows:

W. Main St., W. of Taylor Ave., 920—45—28.  
Bainbridge Ave. and W. 7th St., 170—44—\*.  
E. 9th St., W. of Farragut Ave., 240—44—\*.  
Westerly private hydrant N. of Route 48, 250—41—\*.  
Old River Rd., 3,000 ft. S. of Atlantic Ave., 140—48—\*.  
Main St., 300 ft. S. of State Highway No. 48, 300—48—\*.  
Park Rd., 2,200 ft. N. of Lenape Ave., 210—49—\*.  
\*No reading taken.

**FIRE DEPARTMENT:** A volunteer organization of one company under partial control of the township which owns house, apparatus, and equipment and appropriates about \$2,000 annually for the support of the department. Total active membership 40, of whom a minimum of about 20 are available at all times. Officers include a chief, assistant chief, and 3 lieutenants who are elected annually by the company. Township does not confirm elections. **Company:** Located in municipal building on Cape May Avenue at Second Street. Building is a 2-story joisted brick structure with slag roof, concrete floor, hot water heat, electric lights, telephone, and siren. **Equipment:** A 1923 G.M.C. 300-g.p.m. triple combination pumping engine carrying a 40-gallon booster tank, 200 feet of booster hose, 1,000 feet of 2½-inch hose, 2 short ladders, and meager minor equipment. A 1947 Oren-International booster car carrying a 500-gallon booster tank, 300 feet of booster hose, 600 feet of 1½-inch hose, 2 short ladders, a 1,500-watt portable electric generator, 2 flood lights, 2 spot lights, and meager minor equipment. **Hose:** All 2½-inch hose is C.R.L. with National Standard screw couplings. It is not regularly shifted nor tested, and there are no drying facilities. Hose is repacked wet and there is no reserve hose. Practically all of the hose is over 5 years old. **Operations:** Department is governed by company by-laws. Chief has control of apparatus at all times and of men at fires and drills. Motors are started regularly and all members may drive apparatus and operate pumps. **Drills and Training:** Weekly drills are held under the supervision of the chief, during summer months only, and consist of some hose laying, pump operation, and use of minor equipment. **Fire Methods:** Booster lines are used on incipient fires reinforced by hydrant and engine lines with shut-off nozzles. Department is totally lacking in gas masks, salvage equipment, and heavy stream appliances. **Response to Alarms:** Both pieces of apparatus respond to all alarms of fire in Mays Landing and one piece responds to alarms in outlying districts. Outside aid may be secured from Egg Harbor City and Pleasantville. **Building Inspection:** None. **Records and Reports:** Records are maintained showing attendance at fires and drills. No regular report is made to the township. **Fire Alarms:** Alarms of fire are telephoned through the local automatic telephone exchange to the county jail nearby where there is someone on duty at all times. Alarms are sounded on the siren at the fire house by means of a switch at the county jail. Recipient of alarm telephones the location of fire to the fire house.

**POLICE DEPARTMENT:** Consists of a paid chief who is on duty at night and subject to call at other times. State Police also patrol this area.

**BUILDING LAWS:** No municipal regulations.

**FIRE PREVENTION LAWS:** No municipal regulations. State laws adequately cover the storage and shipment of explosives, the transportation of flammables, and the construction of motion picture booths. They also restrict the discharge of fireworks to responsible bonded parties.

**ZONING ORDINANCE:** None.