

Superseding Map No. 227 of November 14, 1931. Please destroy old issue.



KEY

PROTECTED FIRE ZONE: Shown in Green.

NOTE.—For description of fire protection, etc., see other side.

Elevations range from 0 to 18 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

(H) Hose car

(O) Booster tank or tanks on above

Schedule Rating Office of New Jersey
ENGINEERING DEPARTMENT
NEWARK, N. J.

West Cape May Borough
Cape May County, New Jersey

OCTOBER 15, 1941

WEST CAPE MAY BOROUGH, CAPE MAY COUNTY, NEW JERSEY.

Population—Census of 1940 was 934.

IN GENERAL: Located on the W. J. & S. R. R. adjoining the westerly limits of Cape May City. It is a residential community with one small canning factory employing about 15. Area of mapped portion about 1 square mile. Elevations range from 0 to 18 feet. Main thoroughfares are macadam in good condition; other streets are gravel in fair condition. There are no features which should seriously interfere with the response and operations of the fire department.

WATER SUPPLY: The City of Cape May owns and operates the supply works, distribution system, storage facilities, and appurtenances, supplying water to Cape May, West Cape May, South Cape May, and a portion of Lower Township. For a detailed description of this system see report on Cape May City with Map No. 226. **Consumption:** The average and maximum daily consumption in the entire territory served by Cape May City is about 1.0 and 2.0 million gallons. The average consumption during the summer months is about 1.6 m.g.d. The maximum daily consumption during recent years was 2.356 m.g.d. There are about 1,700 services in the entire territory served of which about 230 are in West Cape May. **Distribution System:** In one service consisting of a 12-inch supply main extending from the pumping station in West Cape May to Cape May City and one 12-inch line extending in a westerly direction. See map. **Pipe:** All cast iron, tar coated, bell and spigot joint, Class "B" laid with about 3-foot cover. No trouble reported from frozen mains or electrolysis. Total length 11,000 feet; 86.4% 12-inch, 13.6% 6-inch. **Gate Valves:** There are 6 valves on the system in West Cape May of Eddy make set with iron boxes at grade. Inspection is limited to that necessitated by system maintenance. **Hydrants:** There are 9 on the system in West Cape May of Wood make of standard type with two 2½-inch outlets, a few of which have one additional 4½-inch outlet. Hose outlets are National Standard and steamer connections are 6 T.P.I. and 6½-inch O.D. Branches are 6-inch, about 50% of which are gated. **Pressures:** Pressure gauge in pumping station in West Cape May at about elevation 15 showed 54 pounds at time of inspection with tank nearly full. A reading taken at one hydrant showed a static pressure of 50 pounds. **Fire Flow Test:** Probable supply available for fire protection purposes was measured on September 26, 1940 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow and pressure during flow were as follows:

Stimpson's Lane 1,200 ft. W. of Broadway, 650
—50—39.

FIRE DEPARTMENT: Volunteer organization of one company under the control of the borough which owns quarters, apparatus, and equipment, and appropriated \$500 annually for the support of

the department. Total active membership 20 including a chief, assistant chief, and 2 foremen, of whom a minimum of 16 members including some active exempt members are available at all times. Officers are elected annually by the company and confirmed by the mayor and council. **Company—West Cape May Fire Company:** Located on Fourth Avenue between Broadway and Pacific Avenue as shown on map. Building is a 2-story asbestos shingled frame structure with concrete floor, steam heat, electric lights, and siren on roof. **Equipment:** One 1935 American La France 500-g.p.m. triple combination pumping engine carrying one 500-gallon booster tank, 500 feet of 2½-inch hose, 200 feet of 1½-inch hose, 400 feet of booster hose, 2 short ladders, and some minor equipment. One 1929 Studebaker hose car carrying 350 feet of 2½-inch hose, one 18-foot and one 40-foot extension ladder and some minor equipment. One Model "T" Ford 140-g.p.m. booster and hose car equipped with a 40-gallon booster tank, 100 feet of booster hose, 600 feet of 2½-inch hose and some minor equipment. **Hose:** All 2½-inch hose is C.R.L. with National Standard screw couplings. The total supply is 1,450 feet of which 500 feet is more than five years old. Drying rack installed at fire station. Hose is repacked at drills and tested 3 to 4 times each year at 150 pounds. **Operations:** Department is governed by borough ordinance and company by-laws. Chief officers have full control of apparatus at all times and of men at fires and drills. Motors are started daily and 7 men are appointed as drivers and operators. **Drills and Training:** Company drills are held monthly under the direction of the chief officers. They consist of hose laying, pump operation, use of appliances, and some ladder work. **Fire Methods:** Booster streams and hand extinguishers are used on incipient fires supported by engine streams with shut-off nozzles. No gas masks, salvage equipment, or heavy stream appliances provided. **Response to Alarms:** Company responds to all borough alarms and substantial aid is available from the part paid and volunteer department at Cape May. **Building Inspection:** None by fire department. **Records and Reports:** Records consist primarily of fire reports including attendance and nature of alarms, and monthly reports are made to the mayor and council. **Fire Alarms:** Telephoned through the Cape May central office to member's house near fire station and sounded from there on siren by means of push button.

POLICE DEPARTMENT: Consists of one borough marshal subject to call.

BUILDING LAWS: No regulations.

EXPLOSIVES AND FLAMMABLES: No municipal regulations. State laws adequately cover the storage and shipment of explosives and the construction of motion picture booths. They also restrict the use of fireworks to responsible bonded parties.