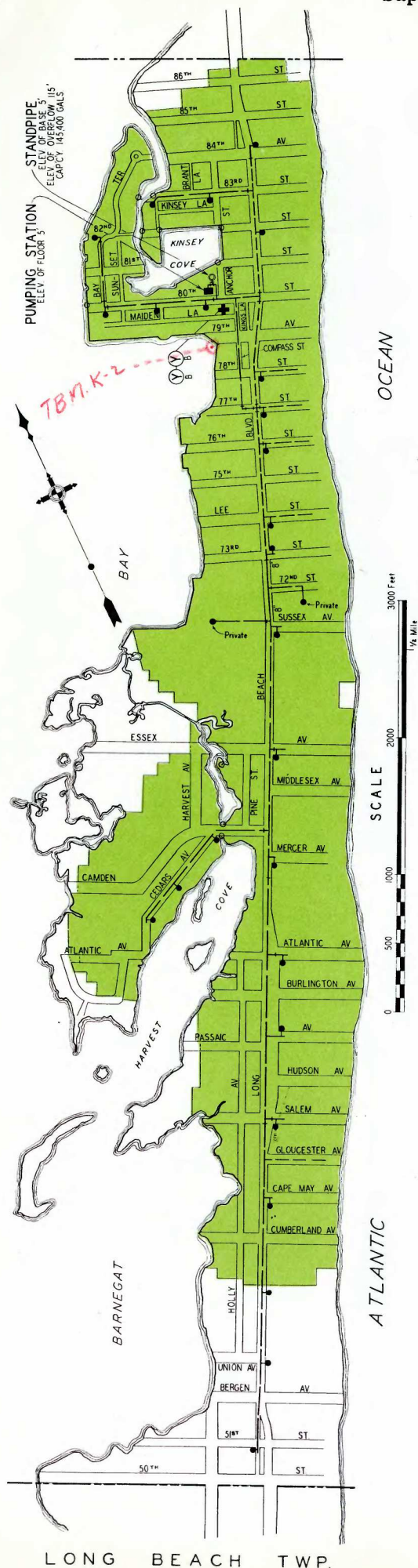


LONG BEACH TWP.

Superseding Map No. 430 of January 1, 1941. Please destroy old issue.



KEY

PROTECTED FIRE ZONE: Shown in Green.

NOTE.— Fire protection report on file in Engineering Department of F. I. R. O. of N. J.

Elevations range from 0 to 24 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:

⊙ Pumping engine and hose car

⊙ Booster tank or tanks on above

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

Harvey Cedars Borough
Ocean County, New Jersey

FEBRUARY 29, 1952

HARVEY CEDARS BOROUGH, OCEAN COUNTY, NEW JERSEY.

Population—Census of 1930 was 53.

IN GENERAL: A seashore resort located on Long Beach Island about 3.5 miles north of Ship Bottom-Beach Arlington. Area about 0.6 square miles. Elevations range from 0 to 24 feet. Main roads concrete; others gravel in fair to good condition. No unusual conditions which might seriously affect the response of fire apparatus.

WATER SUPPLY: Water for domestic and fire protection purposes is furnished by the borough which owns supply works and distribution system. **Organization:** System is under the supervision of the borough superintendent who is appointed every four years by the director of public safety. Superintendent has had no previous water works experience. Records consist of an incomplete wall map showing locations of valves, hydrants, and pipe. Superintendent is a member of the fire department and responds to all alarms of fire. A truck is provided. **Supply Works:** Water is obtained from one 8-inch well 503 feet deep with a capacity of 200 gallons per minute. Water is pumped directly from well into distribution system with standpipe acting as equalizer. **Pumping Station:** Located as shown on map. Building is a 1-story frame structure with an asbestos shingle roof, electric lights, and oil stove for heat. No hand protection. Exposures negligible. Wiring in conduit. Housekeeping fair. Elevation of pump room floor 5 feet. **Equipment:** One 120-g.p.m. Gould triplex pump 6 x 12, driven by a 7½-h.p. G. E. electric motor. One 120-g.p.m. Gould triplex pump 6 x 12, driven by a 6-h.p. Dover Manufacturing and Engine Company gasoline motor. There is a 5-gallon gasoline tank in pumping station. **Well Station:** Located in a small area frame structure adjacent to main pumping station. **Distribution System:** In one service; see map. Water is pumped from pumping station through a single 6-inch line to 80th Street. There is a single unsupported 4- and 6-inch line extending north and south supplying hydrants north of 80th Street and south of 77th Street. **Standpipe:** Located as shown on map, steel, 15 x 110, capacity 145,400 gallons. Elevation of base 5 feet. Elevation of overflow 115 feet. **Consumption:** The average and maximum daily consumption is estimated to be about 150,000 and 300,000 gallons a day. There are about 350 services none of which is metered. **Pipe:** Cast iron, tar coated, bell and spigot joint, laid with a 2½- to 3-foot cover. Total length 13,900 feet; 3.6% 8-inch, 61.8% 6-inch and 34.6% 4-inch. No trouble from frozen mains or electrolysis. **Gate Valves:** There are 19 of various makes set in iron boxes to grade. All operate in the same direction. No regular inspection. **Hydrants:** There are 17 hydrants of standard type of Wood and Darling makes; seven have two 2½-inch outlets with 4-inch branches and the remainder have two 2½- and one 4½-inch outlets with 4- or 6-inch branches. There are 4 hydrant branches which are gated. Hydrants are inspected twice a year. Those operated during survey were found to be in fair condition. **Pressures:** Indicating gauge in pumping station showed a pressure of 48 pounds. Readings taken at 2 hydrants widely distributed showed pressures of 45 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on December 19, 1940 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow and pressure during flow were as follows:

78th St. and Long Beach Blvd., 490—45—33.
Long Beach Blvd. 400 feet S/W of Cumberland Ave.,
200—45—4.

FIRE DEPARTMENT: A volunteer organization of one company under partial control of the borough which appropriated \$1,200 for the support of the department in 1940. Company owns house, apparatus and equipment. Total active membership 25 of whom about 18 are available at all times. There is a chief, an assistant chief and an engineer who are elected annually by the company. **Company—High Point Volunteer Fire Company:** Located on 80th Street opposite Anchor Street. Building is a 1-story frame structure with a composition roof, wood apparatus floor, oil stove for heat, and electric lights. **Equipment:** A 1940 General Fire Truck-Ford 500-g.p.m. triple combination pumping engine carrying a 200-gallon booster tank, 150 feet of booster hose, 1,000 feet of 2½-inch hose, 2 short ladders and some minor equipment. **Hose:** All 2½-inch hose is C.R.L. with National Standard screw couplings. It is shifted at fires and drills and dried on apparatus floor. No hose is over five years old. Hose will be tested twice a year at 200 pounds. There is none in reserve. **Operations:** Department governed by company by-laws. Chief has control of apparatus at all times and of men at fires and drills. Motors started twice a week. There are three members of the company who are appointed as drivers. **Drills and Training:** Drills held twice a week in good weather under supervision of chief officers consist of hose laying, pump operation and use of equipment. **Fire Methods:** Booster streams used on incipient fires reinforced by engine lines with shut-off nozzles. Engine always hooks up. No gas masks, salvage equipment, or heavy stream appliances provided. **Response to Alarms:** Company responds to all alarms in borough. Outside aid may be secured from Beach Haven and Ship Bottom-Beach Arlington. **Building Inspection:** None by the department. **Records and Reports:** Secretary keeps a record of the number of men responding to fires, location, and amount of equipment used. **Fire Alarms:** Alarms of fire are telephoned through the telephone exchange in Ship Bottom-Beach Arlington to the general store and are sounded on a siren located on borough hall.

POLICE DEPARTMENT: There are 2 special officers, who are on duty during the day in summer, and 15 deputies. There are 3 fire police in the fire department. No cars provided.

BUILDING LAWS: Code adopted June 18, 1938 provides for the appointment of a building inspector and requires that plans be submitted before a permit be granted for building operations. Code has some good regulations in regard to chimneys, heating appliances, firestops, and garages, but in general does not conform to the Code of Suggested Ordinances as recommended by the National Board of Fire Underwriters. No fire limits are established and flammable roof coverings are permitted throughout borough.

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 discharge of fireworks to responsible bonded parties.