



KEY

PROTECTED FIRE ZONE: Shown in Green.

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

Elevations range from 0 to 20 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
- (A) Ambulance, Squad or Auxiliary car
- Booster tank or tanks on above
- Ladders on above
- Chemical tank or tanks on above



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

Loch Arbour, Ocean Township
Fire District No. 3
Monmouth County, New Jersey

March 15, 1944.

**LOCH ARBOUR, FIRE DISTRICT No. 3, OCEAN TOWNSHIP,
MONMOUTH COUNTY, NEW JERSEY.**

Population—Township Census of 1940 was 4,200.

1943 Estimated Population for District — 270 Winter ; 350 Summer.

IN GENERAL: Located on the Atlantic Ocean south of the Borough of Allenhurst and separated from Asbury Park by Deal Lake. It is a residential community having one seasonal hotel, bathing pavilion, and four mercantile buildings. There are no industries. All streets are of improved surface in good condition. Area of entire district is 0.1 square miles. Elevations range from 0 to 20 feet. Transportation is provided by the N. Y. & L. B. R. R. and buses. No conditions that would seriously interfere with fire department operations.

WATER SUPPLY: Water for domestic and fire protection purposes is furnished by the Monmouth Consolidated Water Company, a subsidiary of the American Water Works and Electric Company which owns supply works and distribution system and supplies water to 18 other municipalities in this area. For information on supply works and distribution system see report with Map No. 78. **Distribution System:** Loch Arbour is supplied through a 6-inch and an 8-inch main from a single 8-inch main in Interlaken; see map. **Consumption:** The average and maximum daily consumption in the entire territory served, 24,822 services, during 1943 was 6.80 and 12.41 m.g.d. It is estimated that the average and maximum daily consumption in Loch Arbour was .053 and .102 m.g.d. On December 31st, 1943 there were 1,611 services in Ocean Township, all of which were metered. **Pipe:** All pipe is cast iron, tar coated, with bell and spigot joint, laid with about a 3-foot cover. Some fairly recent installations are cement lined. Total length, 10,300 feet; 6.9% 8-inch, 25.3% 6-inch, 37.8% 4-inch. No trouble from frozen mains or electrolysis. **Gate Valves:** There are 19 gate valves on the system of Ludlow make. All open to right and are set with iron boxes at grade. Inspected irregularly. **Hydrants:** There are 12 hydrants of Ludlow make of standard type. All have one 4½- and two 2½-inch outlets and 4- or 6-inch gated branches. They are inspected semi-annually. Those operated during the reinspection in 1936 were in good condition. Hose outlets are National Standard and steamer outlets have 7 threads per inch with an outside diameter of 5½ inches. **Pressures:** Readings taken at 2 hydrants showed pressures ranging from 62 to 64 pounds with an average of 63 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on July 23d, 1936 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow, and pressure during flow were as follows:

Euclid Ave. and Edgemont Ave., 650—62—9.

Edgemont Ave. and Ocean Place, 490—64—17.

FIRE DEPARTMENT: District has no fire department. There is a contract with adjoining Borough of Allenhurst who responds with a quadruple and a triple combination engine to all alarms in district. The Wanamassa Fire Department responds to all calls and additional aid may be secured from Asbury Park, Deal, and Oakhurst, all within three miles over good roads. **Fire Alarms:** There are two Gamewell boxes on separate loop of the Allenhurst alarm system and two phantom box locations. See Map No. 225 for Allenhurst Fire Department and Fire Alarm System.

POLICE DEPARTMENT: Paid police force consists of a chief, two captains and 7 patrolmen working in 8-hour shifts. There are five well distributed police boxes over which patrolmen report each half hour and which are open to public for reporting fires. No signaling system. Deskman at police headquarters continuously. During 6 hours in the evening and 2 hours in the morning there is only one patrolman with car; at all other times there are two patrolmen. There are three patrol cars all equipped with one-way radios. Police report to all fires in township and department cooperates with building inspector.

BUILDING LAWS: Code adopted November 15th, 1929 provides for the appointment of a building inspector. Inspector has no regular hours nor office and reports semi-annually to township committee. The code has a few worthy features, but is not sufficiently extensive from a fire protection standpoint. Flammable roof coverings are not prohibited or limited.

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 parties.

ZONING ORDINANCE: Adopted May 27th, 1930 establishes three residential districts, business districts, and one industrial district. Manufacturing is prohibited in Fire District No. 3.