

ALLENHURST BOROUGH, MONMOUTH COUNTY, NEW JERSEY.

Population—Census of 1940 was 520. Present estimate is 750 permanent residents. Estimated summer population 1,500.

IN GENERAL: Located on the Atlantic Coast, south of Deal and separated from Asbury Park by Loch Arbour and Deal Lake. It is an exclusive residential community with no manufacturing. There is one hotel and a large distribution and maintenance center for the Jersey Central Power and Light Company. Area is about 023 square miles. Elevations range from 0 to 36 feet. Streets are of hard and improved surface in good condition. Transportation is afforded by N. Y. & L. B. R. R. and buses.

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WATER SUPPLY: Water is furnished by the municipality through two systems. A fire service system furnishes water for fire service, street sprinkling, and sewer flushing An independent domestic service system supplies 22 fire hydrants Organization. Water department is in charge of a superintendent of public works appointed under civil service, with two engineers serving as pumping station operators. The borough clerk acts as water clerk and two outside men are regularly employed. Office is in borough hall; yard and shop are at pumping station. A truck is available; one operator proceeds to pumping station on alarms of fire. Records are fair, but not up to date. Domestic System: The domestic system, not indicated on the map, dates from 1904 It consists of 4., 6., and 8-inch mains paralleling the fire service system and supplies 22 fire hydrants. There are two closed connections to the Monmouth Consolidated Water Company, a 4-inch connection at pumping station and an 8-inch connection at Ocean Road and Cedar Avenue. Water is obtained by air lift from three 10-inch wells 550 feet deep with a total yield of 13 m.g.d., discharging to a 95,000 gallon collecting basin. One well drilled in 1922 and the other two in 1923. Water is repumped to the distribution system with an elevated tank acting as an equalizer. Domestic Service Pumping Equipment: Located in Fire Service Pumping Station. One 0.864 m.g.d. Cameron centrifugal pump, with 6-inch suction and 4-inch discharge, is belt driven by 110 h p. Ingersoll-Rand Diesel engine which is also directly connected to a 390 cubic foot per minute Ingersoll-Rand air compressor. One 1.08-m.g.d. Cameron centrifugal pump, with 6-inch suction and 5-inch discharge, directly connected to a 55-hp. General Electric motor. Pump discharge lines, equipped with check valves and control valves, terminate in a single 8-inc

Corlies Ave E of Main St, 380-57-5

per minute, pressure before flow, and pressure during flow were as follows:

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FIRE SYSTEM: The fire system, shown on map, is supplied from Deal Lake, which has ample capacity, by 16-inch suction line with 8- to 10-foot lift. Water is pumped into distribution system with standpipe acting as equalizer. Pumping Station: Located on Hume Street near Main Street, it is a one story brick structure built in 1899 with a metal covered wood roof, concrete floor, heated by either steam or coal stove, electric lights, telephone, and fire gong. Station is separated from shop, bolier room, and garage by brick wall with protected communication. Elevation of floor is 18 feet Fire Service Equipment: One 1 44 Twin Volute pump, with 6-inch suction and discharge, driven by a 40 h.p. General Electric motor which is automatically started when pressure drops below 41 pounds. One 4 32 m.g. d. Cameron centrifugal pump, with 10-inch suction and discharge, driven by a 125 h.p. General Electric motor, manually operated for severe fire conditions Pump discharge lines equipped with check valves and control valves, terminate in a single 10 inch header Distribution System: The fire system is in one service consisting of an 8-inch artery supplying 4- and 6-inch gridiron; see map. Standpipe: Located on Lake Road and west of railroad, It is steel, 18 x 110 feet with a capacity of 210 000 gallons. Elevation of base is 20 feet. Elevation of overflow 130 feet. Consumption: There are 475 taps on the fire system for lawn sprinkling. The system is also used for watering streets and flushing sewers. The average and maximum consumption during the summer was 0.35 and 0.52 m gd and during the winter 0.32 and 05 m.g.d Pipe: All pipe on the fire system is cast iron tar coated, with bell and spigot joint, laid with a 4 foot cover Total length of pipe is 26.350 feet; 53 4% 4-inch, 30.3% 6-inch and 16.3% 8-inch. No trouble reported from frozen mains or electrolysis, Gate Valves: There are 40 gate valves on the fire system of J

FIRE DEPARTMENT: A volunteer organization consisting of one company with one paid man who is driver and engineer and

of 1940 was 230, permanent residents. population 1,500.

resides in fire house The borough owns fire house, apparatus, and all equipment, and appropriated \$6,000 tor fire department salaries are contract to Loch Arbour calls, and to all calls from Interluken under a verbal agreement. Total active membership is 18 active and 17 exempt members, of whom 14 are available at all times; in addition there are 6 fire police. Officers consisting of a chief, 2 assistant chiefs, and 2 foremen are elected annually and confirmed by borough commissioners. Company—Allenburst Volunteer Fire Company No. 1: Located on flume Street near Main Street and company No. 1: Located on flume Street near Main Street and company with house. Roofs are composition, apparatus floor is concrete, steam heat, electric lights, telephone, and 28-foot hose tower. There are two apartments on second floor Equipment: A 1921 Stutz triple combination 350-g.p.m. pumping engine carrying one 35-gailon booster tank connected to pump. 350 feet of %-inch bose tower. There are two apartments on second floor. Equipment: A 1921 Stutz triple combination 350-g.p.m. pumping engine carrying one 35-gailon booster tank connected to pump. 350 feet of %-inch bose, 450 feet of 24-inch bose, 25 hort Lodders, a portable combination pumping engine carrying a 600-g.p.m. pump. over 35-gailon chemical tank, 250 feet of %-inch hose, 400 feet of 24-inch hose, old adders ranging from 12 to 50 feet and totaling 249 feet, life net, and good minor equipment. A 1941 auxiliary carearrying 500 feet of 1/9 inch hose, 200 feet of 2½-inch hose, one short ladder, 5 indian tanks and fair minor equipment. Hose: All hose is about 5 years old and is in good condition. A hose closet 25 feet high is provided in fire house for drying purposes All hose is shifted after drills and fire calls. Hose is tested at drills to 200 pounds pressure Operations: Department is governed by company by-laws Chief has control of apparatus at all times and of men at fires and drills the may suspend members have bee

POLICE DEPARTMENT: Paid police force consisting of chief, 6 patrolmen, and 1 desk man work on eight-hour shifts. Patrolmen report over 6 police signaling boxes and respond to fire alarms One patrol car provided; no radio communication Police department cooperates with building inspector reporting all new structural work. structural work

BUILDING LAWS: Code adopted March 29th, 1938 provides for the appointment of a building inspector who is the superintendent of the water department. Fire limits are designated on zoning map Flammable roof coverings are prohibited within the fire limits and on buildings exposed within 12 feet; in other instances approved vertical or edge grain shingles are required Code closely follows the Code of Suggested Ordinances for Small Municipalities as recommended by the National Board of Fire Luderwiters

EXPLOSIVES AND FLAMMABLES: Ordinance adopted March 29th, 1938 closely follows the Suggested Fire Prevention Ordinance as recommended by the National Board of Fire Underwriters. 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 OBDINANCE: Adopted March 4th, 1929 establishes nine residential districts and one business and dwelling district. Manufacturing is prohibited within borough.