







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

**Saddle River Township
Bergen County, New Jersey**

JULY 31, 1952

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 30 to 130 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 
 Ladders on above 

SADDLE RIVER TOWNSHIP, BERGEN COUNTY, NEW JERSEY.

(Including Plauderville and Rochelle Park Sections.)

Population—Census of 1930 was 2,424.

IN GENERAL: Located on the west side of the Saddle River and on the Erie and N. Y. S. & W. Railroads about 4 miles southeast of Paterson. It is mainly a residential community with a few small industries and one large ice cream plant. Area about 2.7 square miles. Elevations range from 30 to 130 feet. Through roads are macadam or concrete, others dirt or gravel in poor condition. There are no steep grades, but railroad crossings at grade may tend to interfere with the response of fire apparatus.

WATER SUPPLY: The distribution system is owned by the township which buys water at wholesale from the City of Garfield. The City of Garfield owns the supply works and the distribution system in the City of Garfield and supplies water to East Paterson as well as Saddle River Township from its East Paterson Pumping Station; see report with Map No. 145. **Organization:** Consists of a superintendent who is elected annually by the township and who makes all taps and extensions. Present superintendent has held office since the first of the year and previously was for six years assistant to the former superintendent. Records consist solely of an incomplete distribution map. Office is located in the municipal garage with yard in the rear. Four or five men from the road department are available to make extensions and one truck is provided. Superintendent does not receive alarms except by siren, but responds to all alarms of fire. **Distribution System:** In one service; see map. Consists of 6- and 8-inch mains with a 10-inch artery supplied by a 10-inch metered connection from East Paterson with two closed 8-inch emergency connections to Garfield on Midland Avenue. **Consumption:** The average daily pumpage during 1939 at Garfield's East Paterson Station was 1,134,410 gallons. The maximum and minimum daily pumpage was 2,103,000 gallons and 1,113,000 gallons respectively. On December 31, 1939, there were 717 live services in Saddle River, all of which are metered. **Pipe:** All pipe is cast iron, universal joint, laid with about a 4-foot average cover. Total length 84,200 feet; 20.6% 10-inch, 22.3% 8-inch, 57.1% 6-inch. No trouble reported from electrolysis or freezing. **Gate Valves:** There are 113 in the township of Kennedy and Mueller makes. They are set with valve boxes at grade and all turn left to open, but are not regularly inspected. Fire department is notified when valves affecting hydrant supply are operated. **Hydrants:** There are 116, of which about 14 are Mueller and the balance Kennedy makes. All are standard type with 6-inch gated branches, two 2½- and one 4½-inch outlets. There are no regular hydrant inspections, but the fire department uses a different hydrant each time it drills, and reports to the water superintendent the condition of the hydrants used. At time of inspection hydrants were found to be in fair condition. **Pressures:** Readings taken at 7 well distributed hydrants showed pressures ranging from 60 to 71 pounds with an average of 66 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on April 9, 1940, by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow and pressure during flow were as follows:

President and Third Sts., 440—67—20.
Dewey St., 750 ft. W. of Sampson St., 570—65—13.
Fair Lawn Parkway, at Wilson Ave., 390—60—12.
Saddle River Rd., 500 ft. S. of Fair Lawn Borough Limits,
525—66—21.
Saddle River Rd., opposite Birk St., 630—71—23.
Saddle River Rd., opposite Platt Ave., 900—69—19.
Market St., at Central Ave., 700—65—21.

FIRE DEPARTMENT: A volunteer organization of three companies under control of the township which owns apparatus and equipment and the Plauderville Company house, the house on Saddle River Road being owned by the companies. Township appropriation for the support of the department in 1939 was \$3,390. Total membership 44, of whom about 20 are available at all times. Officers consisting of a chief and assistant chief and for each company, battalion chief, lieutenant and captain are elected annually by the companies with approval of the township committee. **Companies—Engine Company No. 1:** Located on Saddle River

Road opposite Railroad Avenue as shown on map. Building is a one-story cement block structure with concrete apparatus floor, composition on wood roof, electric lights, steam heat and siren. **Equipment:** A 1930 Ahrens-Fox 500-g.p.m. triple combination pumping engine carrying a 100-gallon booster tank, 250 feet of booster hose, 1,150 feet of 2½-inch hose, 2 lengths of hard suction, 1 length of soft suction, 2 short ladders, and fair minor equipment. **Hook and Ladder Company No. 1:** Located with the engine company on Saddle River Road. Total membership 14. **Equipment:** A 1921 Reo ladder truck carrying five ladders ranging from 16 to 35 feet, totaling 121 feet, 250 feet of 2½-inch hose and fair minor equipment. **Engine Company No. 2:** Located on Third Street between Capital and President Streets as shown on map. Membership 16. Building is the municipal garage and is a 1-story stucco on cement block structure with concrete apparatus floor, composition shingle on wood roof, steam heat, electric lights, telephone, siren, and hose rack. **Equipment:** A 1930 American-La France 500 g.p.m. triple combination pumping engine carrying a 100-gallon booster tank, 200 feet of booster hose, 2 lengths of suction hose, 1,100 feet of 2½-inch hose, 2 short ladders, and fair minor equipment. **Hose:** All 2½-inch hose is C.R.L. with National Standard screw couplings. Company No. 1 dries its hose on the apron in front of the house, Company No. 2 drying its hose on hose rack. It is shifted, tested at pump pressures and repacked at fires and drills; 200 feet is held in reserve at Company No. 1 and 300 feet at Company No. 2. **Operations:** Department is governed by township ordinance and own by-laws. Chief has control of apparatus at all times and of men at fires and drills and may suspend members pending a hearing before the township committee. Motors are started about once a day. All members may drive apparatus. **Drills and Training:** Drills are said to be held once a month, weather permitting. They are held under the supervision of the company officers and consist of pump operation, hose and ladder work. **Fire Methods:** Booster lines are used on incipient fires reinforced with hydrant and engine lines with shut-off nozzles. Engine hooks up to hydrant only if deemed necessary. Two smoke masks are provided, but there are no heavy stream appliances or salvage equipment. **Response to Alarms:** Engine Company No. 1 and Hook and Ladder Company No. 1 respond to all alarms north of Market Street, while the balance of the township is handled by Engine Company No. 2. In the case of night fires all companies respond to alarms. Outside aid may be secured from the volunteer departments of the surrounding municipalities. **Building Inspection:** Chief makes an annual inspection of the schools and other public buildings. **Records and Reports:** Chief keeps fairly complete records of fires and drills and makes a quarterly and an annual report to the township committee. **Fire Alarms:** Alarms of fire are telephoned to the print shop adjoining the Engine Company No. 1 house and to the municipal garage housing Engine Company No. 2 during the day; at night alarms are telephoned to the residences of picked members. Telephone company operators are instructed in allocating alarms.

POLICE DEPARTMENT: Consists of 12 active call men, all of whom have uniforms. In addition there are 10 special officers. A radio car is provided which cruises with two men. One officer remains at the desk and three men are assigned to school duty.

BUILDING LAWS: Code adopted September 9, 1928, provides for the yearly appointment of a competent building inspector, requires the filing of complete plans and specifications and the securing of permits for building operations. It contains some good features governing general construction, but does not require fire stops of incombustible material nor limit wood shingle roofs and is of little value from a fire protection standpoint.

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 and restrict the discharge of fireworks to responsible bonded parties.

ZONING ORDINANCE: None.