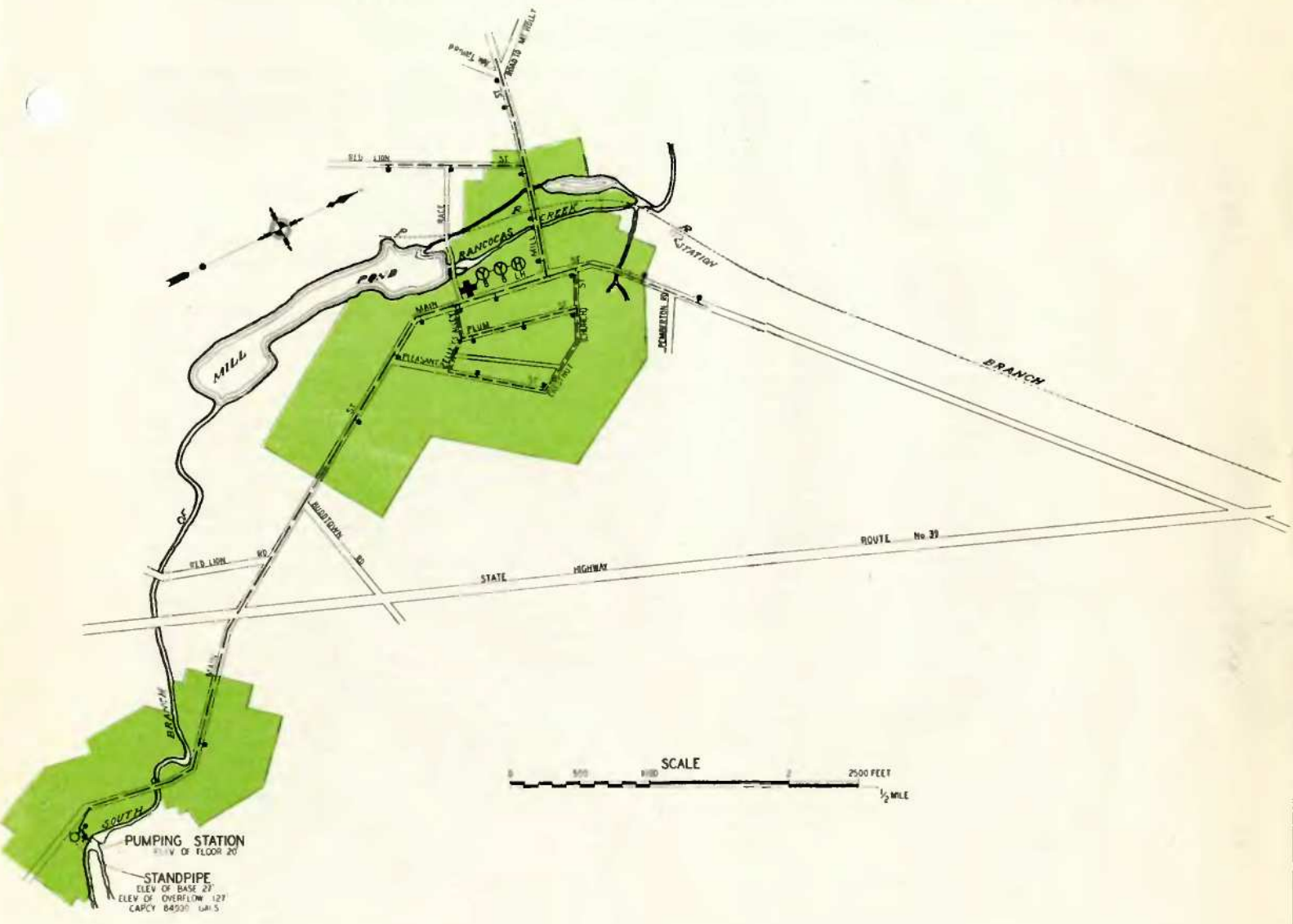


Superseding Map No. 278 of August 15, 1933. Please destroy old issue.



KEY

- PROTECTED FIRE ZONE:** Shown in Green.
- NOTE.**—For description of fire protection, etc., see other side.
- Elevations range from 20 to 40 feet above mean sea level.
- 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) Automobile combination pump and hose car
- (H) Hose car
- Booster tank or tanks on above
- Ladders on above
- Hand drawn apparatus



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

VINCENTOWN
 Southampton Township
 BURLINGTON COUNTY, N. J.

OCTOBER 30, 1943

VINCENTOWN, SOUTHAMPTON TOWNSHIP, BURLINGTON COUNTY, NEW JERSEY.

Population—1940 Township Census—1,813. Estimated Local Population—1,000.

IN GENERAL: Located on a spur of the Mount Holly Branch of the Pennsylvania Railroad about 5 miles southeast of Mount Holly. It is a residential and trading center for a rich dairy and market gardening section. There is a small canning factory normally employing about 40. Area of mapped portion is about one square mile. Elevations range from 20 to 40 feet. Main thoroughfares concrete and macadam, others dirt in fair to poor condition. Grade crossings reported as not having interfered with the response of fire apparatus.

WATER SUPPLY: The Vincentown Water Company owns the supply works and distribution system and furnishes water for domestic and fire protection purposes to Vincentown only. **Organization:** Includes a president, a secretary and treasurer, and a local plumber who acts as superintendent and maintains system, makes connections, repairs, and extensions. One man is employed to operate pumps. **Office in Vincentown;** shop and yard at pumping station. Superintendent's car and equipment are available at all times. **Supply Works:** Supply is normally obtained either by air lift or natural flow from an 8-inch artesian well about 125 feet deep with an estimated safe yield of 0.35 m.g.d. Well discharges to a concrete receiving basin 15 feet in diameter by 4 feet deep, capacity about 5,300 gallon, from which high lift pump takes suction and discharges to the distribution system with standpipe acting as an equalizer. **Pumping Station:** Located about one mile south of town center as shown on map. Building is a one-story structure with iron on wood roof, concrete floor, electric lights, coal stove for heat, and one 2½-gallon soda and acid extinguisher for hand protection. Exposures negligible. Wiring is standard in conduit. House-keeping is good. Elevation of pump room floor about 20. **Equipment:** Low lift equipment, which operates the well, consists of a 25-cubic-foot-per-minute Pennsylvania Pump and Compressor Company air compressor driven by a 7½-h.p. Lincoln electric motor. High lift equipment consists of a 300-g.p.m. Pennsylvania Pump and Compressor Company centrifugal pump driven by a 10-h.p. Lincoln electric motor. Reserve equipment, which pumps the creek water only consists of two 300-g.p.m. 8½-x-8-inch Deming triplex pumps. One is driven by a 19-h.p. Otto gasoline engine and the other is driven by a similar engine of 21 h.p. **Distribution System:** In one service; see map. Supply from the pumping station and standpipe is transmitted through one mile of single 6-inch pipe to the town center. **Standpipe:** Located at pumping station, 100 feet by 12 feet, capacity 84,600 gallons. Elevation of base is 27 feet. Elevation of overflow is 127 feet. **Consumption:** The average and maximum daily consumption during 1942 was 16,936 and 39,560 gallons respectively. On December 31st, 1942, there were 161 services, of which 101 were metered. It is anticipated that the system will be 100% metered. **Pipe:** All cast iron, tar coated, bell and spigot joint, laid with about 3½-foot cover. Total length 12,600 feet; 64.1% 6-inch and 35.9% 4-inch. No reported trouble from frozen mains or electrolysis. **Gate Valves:** There are 9 on the system of Thompson make set with iron boxes at grade. They are operated annually and all open in the same direction. Fire department is notified when valves affecting hydrant supply are operated. **Hydrants:** There are 22 on the system of Thompson and Mathews makes, of standard type, with one 4-inch and one or two 2½-inch outlets, 6-inch valves and 4-inch ungraded branches. All 4-inch outlets are 4½ inches outside diameter with 8 threads per inch, and 2½-inch outlets are National Standard. All but one turn right to open. They are inspected and lubricated twice annually and tested by fire department at drills. Hydrants inspected during survey were found to be in good condition. **Pressures:** A direct reading gauge at the fire house at about elevation 45 showed 41 pounds at the time of inspection. Readings taken at 6 hydrants well distributed showed pressures ranging from 37

to 53 pounds with an average of 42.5 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow and pressure during flow were as follows:

Main and Race Sts., 236—37—2.
Red Lion St., 400 ft S of Race St., 50—39—2.
Mill and Red Lion Sts., 173—41—1.
Mill and Main Sts., 240—45—5.
Main St., 200 ft S. of Pemberton Rd., 146—55—*
Main St., 200 ft. N. of Pemberton Rd., 50—46—*

*No reading taken

FIRE DEPARTMENT: An independent volunteer organization of one company not under control of the township. Company owns house, apparatus, and equipment. Township appropriated \$500 for the support of the department during 1943. Total active membership 25, of whom a minimum of 15 are available at all times. Officers consist of a chief, assistant chief, a foreman, and an assistant foreman who are elected annually without municipal confirmation. **Company—Vincentown Fire Company:** Located on Main Street north of Race Street as shown on map. Building is a 2-story brick structure with wood shingle roof, concrete floor, electric lights, telephone, and electric siren located on roof. **Equipment:** One 1927 U S Apparatus Company 500-g.p.m. triple combination pumping engine carrying a 100-gallon booster tank, 300 feet of booster hose, 1,500 feet of 2½-inch hose, 2 short ladders, and fairly complete minor equipment. One 1938 White 500-g.p.m. triple combination pumping engine with a Hale-Ford unit pump, carrying a 500-gallon booster tank, 250 feet of booster hose, 500 feet of 2½-inch hose, 300 feet of 1½-inch hose, one 12-foot roof ladder, and good minor equipment including two all-service masks and complete first-aid kit. One hand drawn truck carrying 77 feet of ladders ranging from 12 to 35 feet, 400 feet of 2½-inch hose and a small amount of minor equipment. **Hose:** All 2½-inch hose is C.R.L. with National Standard screw couplings. No drying facilities are provided. Hose is not shifted and is tested and repacked wet at drills. There is no reserve hose and none is over 5 years old. **Operations:** Company is governed by by-laws. The chief has full control of apparatus at all times and of men at fires and drills, and has power to suspend members and prefer charges to company. Motors are started twice weekly and there are 4 appointed drivers. **Drills and Training:** Monthly drills are held under the direction of the chief. They consist of hose laying, pump operation, and some ladder work. **Fire Methods:** Booster lines reinforced by engine streams are used on all fires. Shut-off nozzles and line gates are used. No salvage covers are provided. **Response to Alarms:** All apparatus responds to alarms within municipality and aid may be secured from Mount Holly, Medford, and Pemberton. **Building Inspection:** None. **Records and Reports:** No regular reports to municipal authorities. Records consist chiefly of attendance tabulations. **Fire Alarms:** Alarms of fire are telephoned to officers' homes or places of business and sounded on siren located on fire house.

POLICE DEPARTMENT: Consists of a constable and 47 special officers. No regular tours of duty. No municipally owned vehicles.

BUILDING LAWS: None

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: None