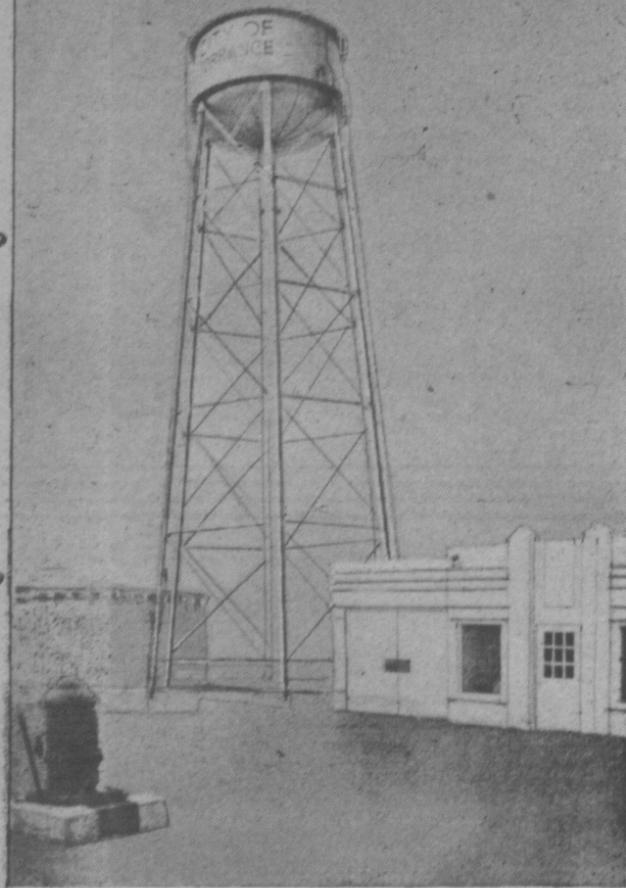


A New, Modern Municipal Plant
and Distribution System Capable of
Supplying 35,000 People With . . .

WATER... Pure, Plentiful



• \$400,000 Brought This Equipment to Serve the Needs of a Growing City.



• Left to Right at Dedication Were City Clerk A. H. Bartlett, Councilmen J. E. Hitchcock, Wm. H. Stanger, Wm. H. Tolson, Scott R. Ludlow, W. T. Klusman and City Engineer F. R. Leonard.

DESERT plus water equals California's story. Thus must Mother Nature have reasoned. For the intelligence of man in adding water in planned locations has transformed the state into America's Garden of Eden.

Communities with a plentiful water supply, intelligently directed, have blossomed. Those without water have drooped and withered.

Torrance, city of idealistic planning, has profited by the experience of others and today offers water resources excelled by none. Water is here in sufficient volume to provide for a city of 35,000 persons, while in reserve is the vast supply from the Colorado river which Torrance, in conjunction with 12 other far-sighted Southern California municipalities, can draw upon as needed through the \$220,000,000 Metropolitan water district aqueduct and dam—America's largest construction job in progress today.

Brand New System

IN USE only ten weeks is the new municipal water system, result of ten years of planning. Capacity output of this plant is 4,000,000 gallons daily—four times the average present demand. Water comes from two wells, 570 and 540 feet deep, in which the water level at present is 122 and 115 feet from the surface, respectively.

Each of the wells discharges 1350 gallons per minute into the 1,785,000-gallon storage reservoir, and can be pumped at the rate of 3000 gallons per minute, if needed.

To provide proper and constant pressure the water reaches the mains from the second highest pressure tank west of the Mississippi river—reaching 180 feet into the air.

Modern Chlorination

ON ITS way to the tank the water passes through a chlorination apparatus of the latest type—so modern that it is the first installation of its kind on

the Pacific coast. Here exactly the proper pre-determined amount of chlorine is added through an automatic system according to the flow of water.

Even the power requirements of the pumps have been given special consideration. A direct circuit from the Long Beach generating plant and the La Fresa substation of the Southern California Edison company has been installed. Records of the company indicate that this line has had less service trouble in the last four years than any other line in this area.

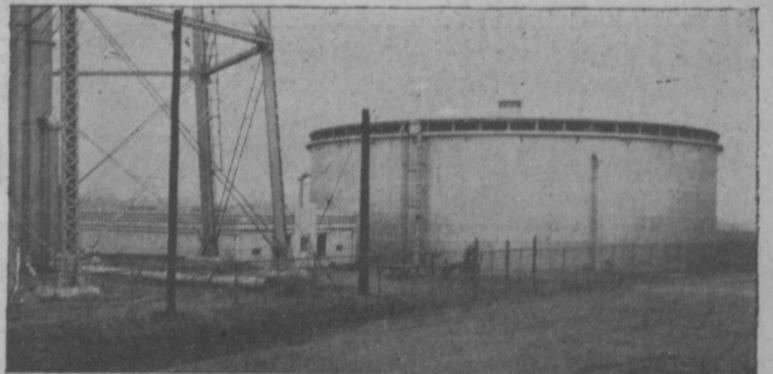
Distributing Mains

WITH installation of the new plant, the distributing system was perfected. Nearly seven miles of cast iron pipe, with an

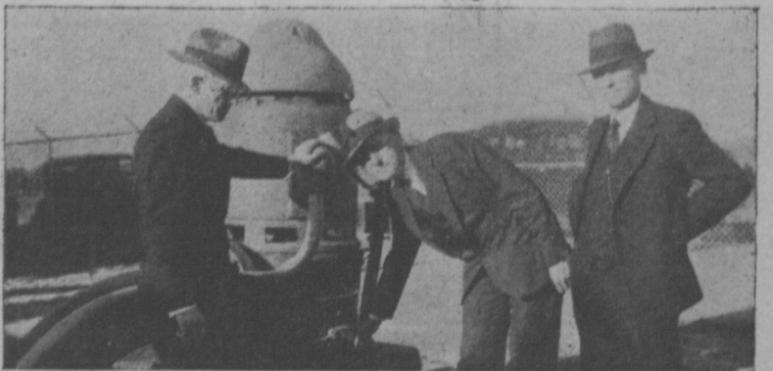
estimated life of over 100 years, was added, bringing the total cast iron pipe system in the city to about 24 miles. At the same time, provision has been made to connect with the Metropolitan water district aqueduct from the Colorado river as soon as it is completed, probably about December, 1938.

Contrary to the requirements of some member-cities of the water district, Torrance will not need to use its reserve water immediately. But any future needs can be supplied from the 1,000,000,000 gallons daily to be brought from the Colorado river, over 300 miles away.

Truly, Torrance has planned well for the future.



• Huge Storage Reservoir Holds 1,785,000 Gallons.



• Scott R. Ludlow, Mayor at the Time, Started the Water Pulsing Through the Mains.

● TORRANCE . . . on Review

- New system, placed in use April 17, 1936.
- Supplied from two deep wells through storage reservoir and pressure tank.
- Present demand: 1,000,000 gallons per day.
- Present capacity: 4,000,000 gallons per day.
- Almost unlimited reserve in Colorado river water through Metropolitan water district, of which Torrance is a member.
- Cast iron water mains; about 24 miles.
- Pressure tank is second highest west of Mississippi river.
- Chlorination apparatus entirely automatic. First installation of this type on Pacific Coast.

PLUS the Unlimited Reserve Supply of the Colorado River

