

ORIGINAL

Decision 84 10 045

OCT 17 1984

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of YERBA BUENA WATER COMPANY, a California Corporation, for an order pursuant to Section 1001 of the Public Utilities Code to lift the Restriction imposed by Decision No. 91427 dated March 18, 1980, in order that the utility may extend water service to two additional areas adjacent to the existing service area in Ventura County.

Application 84-05-102
(Filed May 29, 1984)

R. M. Mann Associates, Inc., by
Robert M. Mann, for applicant.
Richard Finnstrom, for the Commission
staff.

O P I N I O N

Yerba Buena Water Company (Yerba), a California corporation, seeks an order permitting it to extend its service area to serve one single-family subscriber on a one-acre parcel located in Ventura County on the north side of Pacific Coast Highway at the Los Angeles County line, and 12 single-family subscribers on a 23-acre parcel, of which 12 acres are usable, located on the north side of the Pacific Coast Highway just east of and contiguous to Yerba's existing service area. Expansion of the existing service area is presently restricted by Decision (D.) 59493 dated January 12, 1960, D.61403 dated January 24, 1961, D.61681 dated February 21, 1961, and D.91427 dated March 18, 1980.

After due notice, public hearing on the matter was held in Los Angeles before Administrative Law Judge N. R. Johnson on August 31, 1984, and the matter was submitted. Testimony was presented on behalf of Yerba by a consulting geologist, V. D. Michaels, and its consulting engineer, R. M. Mann; and on behalf of the Commission staff (staff) by its senior utilities engineer, Richard Finnstrom. In addition, a statement was made by Captain Paul Zamazanuk, of the Bureau of Fire Prevention of the Ventura County Fire Department, explaining the fire-flow requirements for new installations [1,000 gallons per minute (gpm)] as compared to the fire-flow requirements for existing installations [500 gpm].

Testimony presented on behalf of Yerba indicated that:

1. The primary source of water is well No. 5, which is capable of delivering between 500 and 600 gpm for a 48-hour period without substantial drawdown.
2. Well No. 2 is used as a standby well and has a capacity of approximately 30 gpm with substantial drawdown over prolonged periods of usage.
3. Substantial differences in the safe-yield estimates made by geologists can result from differing assumptions used regarding expected rainfall and the area size of the well reservoir. Estimates of the safe yield of well No. 5 vary from a low of 210 acre-feet per year by the County of Ventura to a high of 700 acre-feet per year by a licensed consulting geologist.

4. The minimum service pressure at Elice Street, at approximately the same elevation as the larger requested service area extension, was 68 pounds per square inch (psi), more than enough to deliver 1,000 gpm with a residual pressure well in excess of 20 psi.
5. The 3,000 feet of 6-inch main to the one-acre parcel addition would supply 500 gpm with a residual pressure in excess of 20 psi. If 1,000 gpm is required, a larger pipe would be necessary.
6. The 8-inch line plus two fire hydrants required for the 12 single-family-subscriber 23-acre parcel would cost approximately \$24,000 and the 3,000 feet of 6-inch main required to serve the one-acre parcel would cost approximately \$35,000.
7. Yerba intends to fully comply with all the requirements of the Ventura County Fire Department and the Ventura County Health Department.

Testimony presented on behalf of staff indicated that:

1. At present, there are 305 active services and 10 vacant lots.
2. Water is supplied from well No. 5 with well No. 2 as a standby source.
3. Water service is supplied to all customers by gravity flow from two storage tanks with capacities of 47,000 gallons and 210,000 gallons.
4. Yerba was granted a certificate of public convenience and necessity subject to demonstrating it has water production sources capable of yielding at least 78 gpm of water acceptable in

quality to the health department and with the restriction that no additional expansion would be permitted without further order from this Commission.

5. Yerba proposes to finance the new water facilities in the 12-service extension through advances from the developer, using its Main Extension Rule No. 15, and for the single service extension, through contributions from the developer.
6. Pressures throughout the service area ranged between 40 psi and 100 psi and were, therefore, within General Order (GO) 103 requirements.
7. The total water supply available from the wells and storage facilities that can be used to meet the maximum day demand is 1,297 gpm as compared to the maximum requirement for all existing customers, undeveloped lots, and fully developed extensions of 498 gpm, leaving a margin of 799 gpm.
8. The total water supply is sufficient to satisfy the requirements of four days' maximum use.
9. The total two-hour flow to be available to the 12-service extension is 1,750 gpm and the two-hour flow requirement is 1,003 gpm, leaving a margin of 747 gpm.
10. The northerly portions of the 12-service, 23-acre and 1-service, one-acre parcels are hillside and would require new storage and/or boosting facilities if service is to be extended in these areas.

It is apparent from the record that there is sufficient quality water available for Yerba to adequately supply its existing and proposed customers. Furthermore, it would appear that if the proposed new water facilities are properly constructed, the installations will fully comply with the requirements of GO 103. It is axiomatic that requisite building permits will not be forthcoming unless the requirements of the Ventura County Fire Department are fully met.

Findings of Fact

1. Expansion of Yerba's existing service area is presently restricted by D.59493 dated January 12, 1960, D.61403 dated January 24, 1961, D.61681 dated February 21, 1961, and D.91427 dated March 18, 1980.
2. The primary source of water is well No. 5 which is capable of delivering between 500 gpm and 600 gpm for a 48-hour period with no appreciable drawdown.
3. Well No. 2 is used for standby purposes and is capable of delivering 30 gpm.
4. The proposed 8-inch main for the 12-service extension is capable of delivering 1,000 gpm with a residual pressure well in excess of 20 psi.
5. Any future extension must fully meet the fire-flow requirements of the Ventura County Fire Department as well as the requirements of this Commission's GO 103.
6. Water service is supplied to all customers by gravity flow from two storage tanks with capacities of 47,000 and 210,000 gallons at pressures ranging from 40 psi to 100 psi.
7. The 12-service extension should be financed either by contributions or by utilizing Main Extension Rule No. 15, whereas the single-service extension should be financed through contributions.

8. The total two-hour available flow to the 12-service extension is 1,750 gpm as compared to a requirement of 1,003 gpm, leaving a margin of 747 gpm.

9. There is sufficient quality water available for Yerba to adequately supply its existing and proposed customers.

Conclusions of Law

1. Yerba's request should be granted to the extent set forth below.

2. Yerba should not extend water service to areas additional to those set forth here without further order from the Commission.

O R D E R

IT IS ORDERED that:

1. Yerba Buena Water Company (Yerba) is authorized to extend water service to two additional areas contiguous to its existing service area, namely: (1) a single-family subscriber, one-acre parcel located in Ventura County on the north side of the Pacific Coast Highway at the Los Angeles County line, and (2) a 12 single-family subscriber, 23-acre parcel, 12 acres of which are usable, on the north side of the Pacific Coast Highway, just east of Yerba's existing service area, both areas as set forth in the instant application.

2. Within 30 days of the effective date of this order Yerba shall submit an advice letter filing in conformance to General Order 96-A, setting forth revised tariff sheets including the two areas above-described as a portion of Yerba's service area. Such revised tariff sheets shall be effective 5 days after filing.

3. The authority granted here will expire if not exercised within one year from the effective date of this order.

4. Yerba shall not extend its water system outside the area authorized here without further order of this Commission.

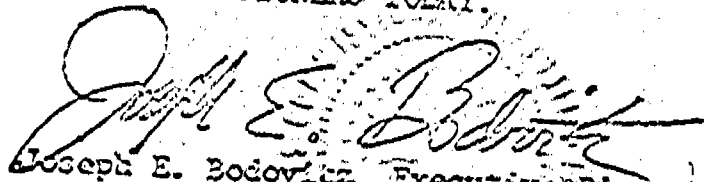
5. The application is granted as set forth above.

This order becomes effective 30 days from today.

Dated OCT 17 1984, at San Francisco, California.

VICTOR CALVO
PRISCILLA C. GREW
DONALD VIAL
WILLIAM T. BAGLEY
Commissioners

I CERTIFY THAT THIS DECISION
WAS APPROVED BY THE ABOVE
COMMISSIONERS TODAY.


Joseph E. Bodovick, Executive Director