

IN THE MATTER OF APPLICATIONS 44175,)
45206 AND 45207, FILED TO APPROPRIATE)
WATER IN QUINN RIVER VALLEY, OROVADA)
SUBAREA, HUMBOLDT COUNTY, NEVADA.)

R U L I N G

INTRODUCTION

Applications 44175, 45206 and 45207 were filed to appropriate water from an underground source in Quinn River Valley, Orovada Subarea, Humboldt County, Nevada, in support of Desert Land Entries.

Water Resources Bulletin No. 14, "Geology and Ground Water Resources of Quinn River Valley, Humboldt County, Nevada", by F. N. Visher, was prepared cooperatively by the State of Nevada, Office of the State Engineer, and the U.S. Department of the Interior, Geological Survey. This report is available for review in the State Engineer's office.

Water Resources Bulletin No. 34, "Effects of Irrigation Development on the Water Supply of Quinn River Area, Nevada and Oregon, 1950-64", by C. J. Huxel, Jr., J. E. Parkes and D. E. Everett, was prepared cooperatively by the State of Nevada, Office of the State Engineer, and the U.S. Department of the Interior, Geological Survey. This report is available for review in the State Engineer's office.

FINDINGS OF FACT

I

Application 44175 was filed by Mack Dixon on July 21, 1981, to appropriate 2.7 c.f.s. of water for irrigation and domestic purposes. The point of diversion is within the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 3, T. 43 N., R. 37 E., M.D.B.&M., with the place of use described as 160 acres within the SE $\frac{1}{4}$ of Section 3, T. 43 N., R. 37 E., M.D.B.&M. 1/

Applications 45206 and 45207 were filed by Lorraine A. and Howard B. Huttman, Jr., on January 13, 1982, to appropriate 3.5 c.f.s. of water under each application for irrigation and domestic purposes. The respective points of diversion are within the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 29 and the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 21, all within T. 41 N., R. 37 E., M.D.B.&M. The place of use of both applications is described as being a total of 640 acres within the NW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 21, and the S $\frac{1}{2}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 28, T. 41 N., R. 37 E., M.D.B.&M. 2/

II

The State Engineer designated Quinn River Valley as provided under NRS Chapter 534 by Order 285, dated April 28, 1965 as a basin in need of additional administration. 3/

III

The following applications requesting appropriation of the underground waters of Quinn River Valley, Orovida Subarea, for irrigation purposes have been denied: 22580, 22811, 20363, 22434, 21694, 20872, 20820, 20734, 20732, 20921, 20779, 20735, 21030, 22015, 21360, 21361, 21499, 22313, 20798, 20799, 20731, 21362, 28815, 29425, and 29640. 4/

IV

NRS 533.370, Subsection 3, states that "where there is no unappropriated water in the proposed source of supply, or where its proposed use or change conflicts with existing rights, or threatens to prove detrimental to the public interest, the State Engineer shall reject the application and refuse to issue the permit asked for."

V

The perennial yield of a ground water reservoir may be defined as the maximum amount of water of usable chemical quality that can be withdrawn and consumed economically each year for an indefinite period of time. If the perennial yield is continually exceeded, water levels will decline until the ground water reservoir is depleted of water of usable quality or until the pumping lifts become uneconomical to maintain. 5/

VI

The State Engineer has monitored wells in the Quinn River Valley since late 1947, and to date substantial declines of the static water levels in these wells have been observed. 6/

VII

Existing water rights within the Quinn River ground water basin exceed the estimated perennial yield of 40,000 acre-feet per year. 7/

RULING

Applications 44175, 45206 and 45207 are hereby denied on the grounds that they are applications to appropriate the underground waters of Quinn River Valley, Orovida Subarea, for irrigation of new lands in which previous applications have been rejected for irrigation and further on the grounds that they would tend to impair the value of existing rights and would be detrimental to the public interest and welfare.

Respectfully submitted,



PETER G. MORROS
State Engineer

PGM/GMT/br

Dated this 16th day of
November, 1983.

FOOTNOTES

1. Public records in the office of the State Engineer.
2. Public records in the office of the State Engineer.
3. Public records in the office of the State Engineer.
4. Public records indexed under Rulings 818, 833, 887, 908, 909, 910, 911, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 940, 955, 2055, 2110 and 2127 in the office of the State Engineer.
5. Water Supply Paper 1832, Page 39, U.S. Geological Survey, NRS 534.110 (4).
6. Public records in the office of the State Engineer, and Water Resources Bulletin No. 34.
7. Public records in the office of the State Engineer. Water Resources Bulletin No. 14 and No. 34.