

IN THE MATTER OF APPLICATIONS 32910, )  
34053, and 35660 FILED TO APPROPRIATE )  
THE WATERS OF AN UNDERGROUND SOURCE IN )  
CARSON VALLEY, DOUGLAS COUNTY AND )  
CARSON CITY COUNTY, NEVADA )

R U L I N G

105

INTRODUCTION

Applications 32910 and 35660 were filed to appropriate water from an underground source in the Carson Valley Ground Water Basin, Douglas County, Nevada:

Application 34053 was filed to appropriate water from an underground source in the Carson Valley Ground Water Basin, Carson City County, Nevada.

In 1975 Water Resources Reconnaissance Series Report 59 Water Resource Appraisal of the Carson River Basin, Western Nevada by Patrick A. Glancy and T. L. Katzer was prepared cooperatively by the Nevada Department of Conservation and Natural Resources, Division of Water Resources and the U.S. Department of the Interior, Geological Survey. This report is available from the office of the State Engineer:

FINDINGS OF FACT

I

Application 32910 was filed by David Carroll Crotty on July 25, 1977, to appropriate 2.7 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SE $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 35, T.13N., R.21E., M.D.B. & M., and the place of use is 160 acres within the S $\frac{1}{2}$  SE $\frac{1}{4}$  of Section 34, and the S $\frac{1}{2}$  SW $\frac{1}{4}$  of Section 35, T.13N., R.21E., M.D.B. & M.

Application 34053 was filed by Patsy Joy Smith on October 11, 1977, to appropriate 2.7 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SE $\frac{1}{4}$  NW $\frac{1}{4}$  of Section 10, T.14N., R.20E., M.D.B. & M.; and the place of use is 160 acres within the E $\frac{1}{2}$  NW $\frac{1}{4}$  and N $\frac{1}{2}$  SW $\frac{1}{4}$  of Section 10, T.14N., R.20E., M.D.B. & M.

Application 35660 was filed by Franklin and Patricia A. Rahbeck on July 27, 1978, to appropriate 1.2 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NE $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 19, T.12N., R.20E., M.D.B. & M., and the place of use is 46.84 acres within the NW $\frac{1}{4}$  and the NE $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 19, T.12N., R.20E., M.D.B. & M. 1/

II

By an Order dated June 14, 1977, the State Engineer designated and described the Carson Valley Ground Water Basin under the provisions of NRS 534. 2/

III

It is estimated that the potential annual recharge to the ground water basin from precipitation is 25,000 acre-feet. The estimated annual sub-surface inflow to the ground water basin from California is approximately 7,000 acre-feet. The total annual recharge to the Carson Valley Ground Water Basin is, therefore, approximately 32,000 acre-feet per year. 3/ Any consumptive withdrawal in excess of the natural recharge will either deplete the ground water reservoir or cause additional surface water to percolate into the ground water reservoir.

IV

Existing certified and permitted ground water rights in the Carson Valley Ground Water Basin for irrigation and other purposes presently total over 40,000 acre-feet per year. 4/

V

Applications to appropriate underground water to irrigate additional land and applications for quasi-municipal use in areas with concentrated wells have been denied in Carson Valley. 5/

CONCLUSIONS

I

The State Engineer has jurisdiction of the parties and the subject matter of this action. 6/

II

The State Engineer is prohibited by law from granting a permit where:

- A. There is no unappropriated water at the proposed source, or
- B. The proposed use conflicts with existing rights, or
- C. The proposed use threatens to prove detrimental to the public welfare. 7/

III

If Applications 32910, 34053, and 35660 are granted, additional land would be irrigated or land that is irrigated only part time would be irrigated more intensively and frequently. This would result in additional consumptive use by farm land irrigation. The additional withdrawals and consumption would remove water from the ground water reservoir which:

A. Would not be replaced resulting in depletion of the ground water reservoir, or

B. Would be replaced by infiltrating surface water that would otherwise remain in or return to the stream system.

The additional withdrawal and consumption of underground water for irrigation would therefore conflict with existing rights and threaten to prove detrimental to the public welfare.

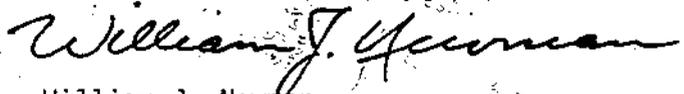
IV

The State Engineer is authorized and directed to designate preferred uses of water within designated ground water basins such as the Carson Valley Ground Water Basin. 8/ The consumptive use of additional ground water to irrigate additional land or to more intensively or frequently irrigate other land is not considered to be a preferred use of the limited water resources of the Carson Valley Ground Water Basin.

RULING

Applications 32910, 34053, and 35660 are denied on the grounds that the appropriation of underground water for irrigation in the designated area described would tend to impair the value of existing rights and threaten to prove detrimental to the public interest and welfare.

Respectfully submitted,



William J. Newman  
State Engineer

WJN/RWP/jm

Dated this 18th day

of MAY, 1979.

FOOTNOTES

1. Public records in the Office of the State Engineer.
2. Public records in the Office of the State Engineer.
3. Water Resources-Reconnaissance Series, Report 59; pp. 2, 51.
4. Public records in the Office of the State Engineer.
5. Public records in the Office of the State Engineer. See denied Applications 28799, 28800, 28801, 28802, 29698, 30348, 30349, 30075, 30203, 30640, 30711, 30789, 30870, 31169, 31170, 31171, 31182, 31258, 31259, 31386, 31414, 31415, 31416, 31459, 31500, 31508, 31509, 31615, 31616, 31661, 31687, 31688, 31689, 31690, 31691, 31692, 31693, 31694, 31695, 31696, 31697, 31698, 31699, 31700, 31701, 31702, 31703, 31704, 31705, 31706, 31747, 31759, 13760, 31761, 31762, 31776, 31777, 31810, 31846, 31849, 32107, 32108, 32109, 32141, 32142, 32143, 32144, 32147, 32148, 32149, 32150, 32151, 32152, 32153, 32154, 32321, 32322, 32327, 32328, 32330, 32331, 32332, 32333, 32345, 32347, 32353, 32365, 32428, 32429, 32430, 32431, 32446, 32447, 32584, 32585, 32594, 32606, 32607, 32608, 32831, 32936, 32937, 32950, 32663, 33449, 33366, 34613, 34746, 35000.
6. NRS 533.025 and NRS 533.030, subsection 1.
7. NRS 533.370, subsection 4.
8. NRS 534.120, subsection 2.